



CREATING A BETTER LIFE

ELEVATOR



ESCALATOR



MOVING WALK



CAR PARKING SYSTEM





**FUJI NIPPON** is specialized in manufacturing different elevators, dumbwaiters, escalators, shopping mall moving carts and car parking devices. Our elevator and escalator products that can be divided into 5 major categories and more than 20 varieties were exported to over 100 countries and regions, with more than 500 service branches all over the world.

Based in China main land, we embrace the advantages of low cost raw material and labor resources which keep our products always more competitive than any of other suppliers around the world.

We are qualified of ISO9001, OHSAS18001 and SA8000 and our products are in compliance with the European Directive 2006/42EC, 95/16/EC, EN115/EN81 and CE & EMC certificates.

With more than 20 years of efforts, **FUJI NIPPON** now not only produces a variety of products, such as high speed elevator, observation elevator, MRL elevator, mini machine-room elevator, shopping cart, lift platform, car parking system, freight elevator, commercial escalator, public service escalator and passenger conveyor, and provides old lift and escalator modernization E-pack solution also.

**FUJI NIPPON** has won reputation in both domestic and overseas market for our leading technology and continuous innovative ideas. We are cordially to invite you to join us for a win-win cooperation membership.



## FACTORY VIEW



## ELEVATOR INTEGRATED CONTROLLER

- Simple & concise functional parameter design, convenient for debugging
- Automatic production of N-curve, automatic recognition of super low height floor
- Support open loop low-speed operation
- Multi-category trouble shooting, detailed record of trouble information
- Multi-level cipher function enhances professional operation
- Qualified with CE, IEC/EN61800-3, European LVD and EMC standard

## MR AND MRL CONTROLLER FEATURES

- Streamline structural design
- Double 32-digit processing chip
- Synchronous & asynchronous integration
- Current loop parameter self-tuning, free of debugging, convenient operation
- Automatic production of N-curve, automatic recognition of super low height floor
- Synchronous machine angle-free self-tuning



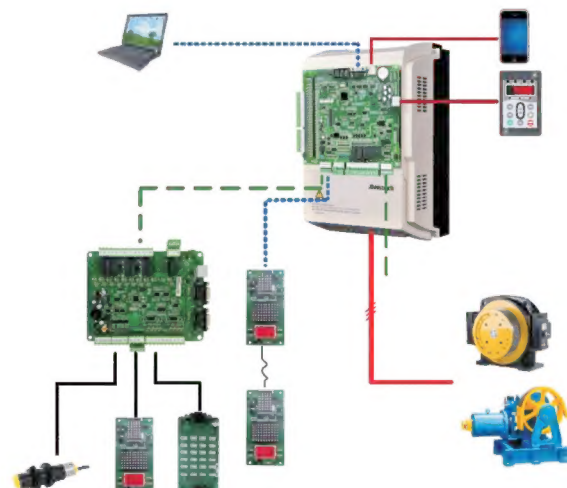
MR CONTROL CABINET



MRL CONTROL CABINET

## MR AND MRL CONTROLLER APPLICABLE ENCODER

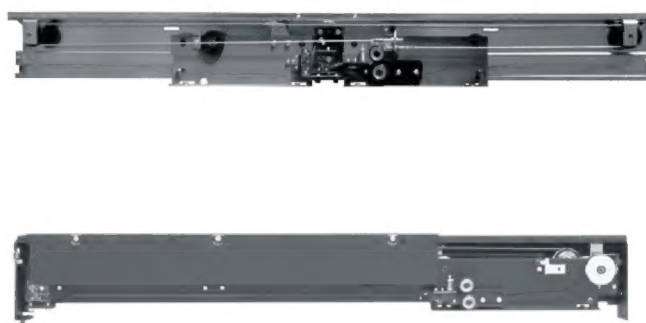
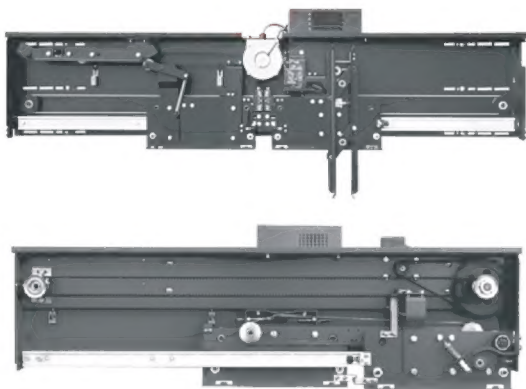
- SIN/COS encoder
- UVW encoder
- ENDAT interface encoder
- ABZ incremental type encoder







- Famous brand door operator and hanger such as NBSL, Wittur, Fermator, Selcom
- Fulfilling GB7588-2003 Standard (equals to EN81-1:1998 Standard)
- Reasonable design and fine manufactured
- Easy to be adjusted and installed
- Applied with VVVF control technology
- Running curve of door operator can be adjusted discretionarily
- Running safely and comfortably
- Low noise and credibility quality
- Opening width from 650mm to 4000mm
- Customized for non-standard design





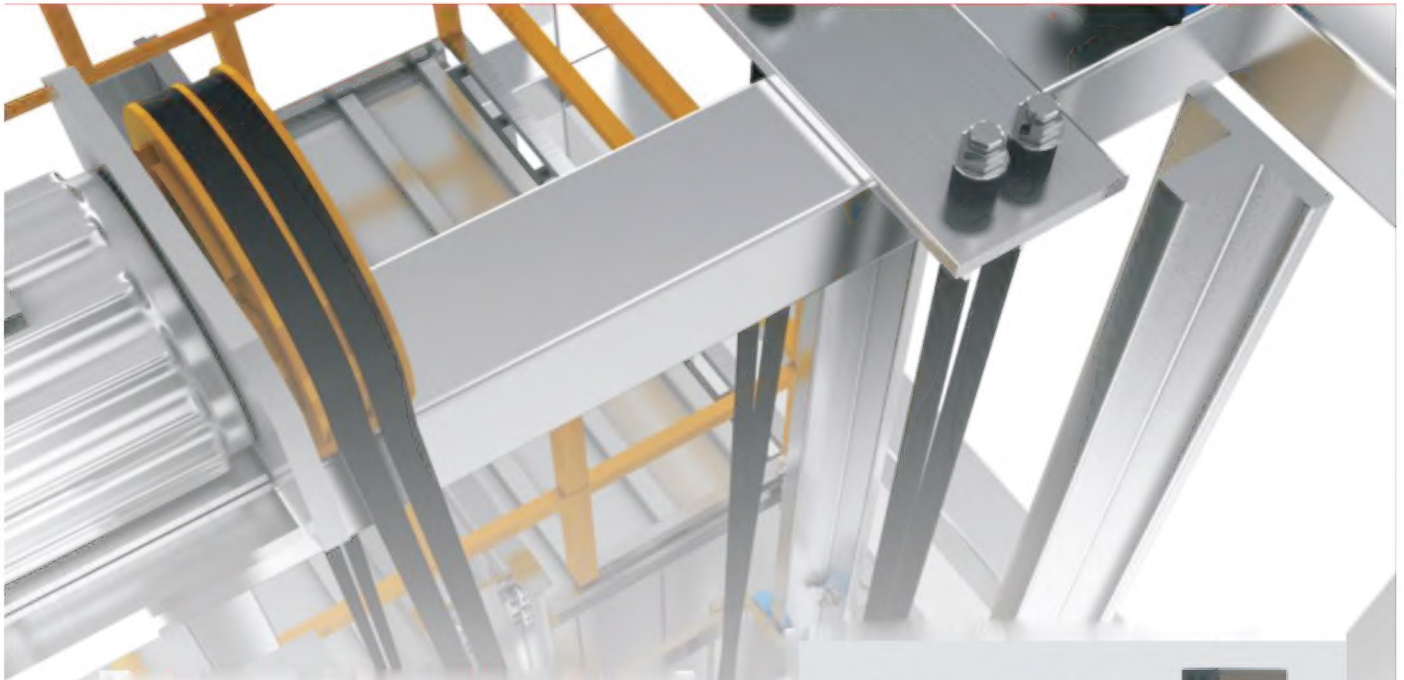
## PM GEARLESS TRACTION MACHINES

Our PM gearless machines cater for GB7588-2003 Standard (equals to EN81-1:1998 standard). Applied with advanced technology, excellent production equipment and extract technic, each item of function index has reached the international standard. Below are the features and specialty of our machines.

- Low speed running smoothly, running without stepping under 0.2 r/min
- Running efficiency can reach 91%, low rated current
- Low raising temperature and high reliability, the raising temperature of winding is about 25K after started running 12 hours
- Good compatibility with different brand control system such as Monarch China, KEB German, CT England, SIEL Italy, FUJI and YASKAWA Japan
- Small size, light weight, nice appearance
- Full range load from 320kg to 1600kg (other large load case by case), and speed from 0.3 to 4 m/s (other high speed case by case); 2:1 and 1:1 roping for choice
- Motor noise under 51dB, perfect for small machine room and MRL elevators



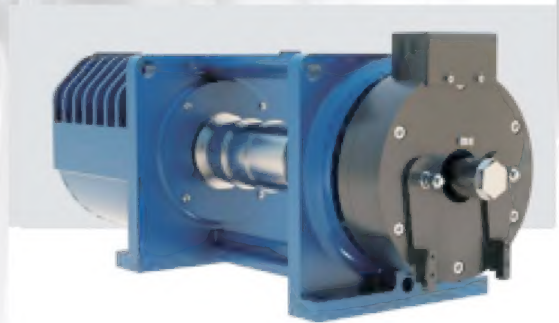




## STEEL BELT MACHINES

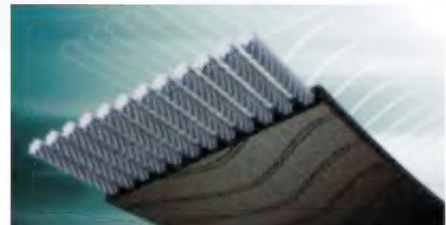
The steel belt machines are much lighter than the traditional PM machines. The sealing bearing needs no grease lubrication which ensures clean machine room, and steel belt with higher frictional coefficient effectively drives the elevator car more smoothly. The advantages of our steel belt machines are as below.

- Smooth running
- Low noise
- Space saving
- Environment friendly



## STEEL BELT OF FUJI NIPPON

We adopt composite steel belt with durable, energy-saving and environment friendly characteristics.



Composite steel belt

## ADVANTAGES OF STEEL BELT

- PU layer lubrication
- Life cycle two or three times of traditional steel wire rope
- More bendable which increases the contact area with drive shaft
- More effective and energy-saving



Traditional wire rope

## Passenger Elevator

Capacity from 450kg-2500kg Speed 1.0m/s-8m/s



## Villa Elevator

Capacity from 200kg-450kg Speed 0.4m/s-1.0m/s

## Observation Elevator

Capacity from 450kg-2500kg Speed 1.0m/s-8m/s



## Hospital Elevator

Capacity from 800kg-2000kg Speed 1.0m/s-8m/s

## Freight Elevator

Capacity from 500kg-7000kg Speed 0.5m/s-1.0m/s



## Car Elevator

Capacity from 3000kg-5000kg Speed 0.25m/s-0.5m/s



## Dumbwaiter

Capacity from 50kg-350kg Speed 0.4m/s





# PASSENGER ELEVATORS



## FUJI-NCA01

Ceiling: Hairline stainless steel frame, acrylic top panel

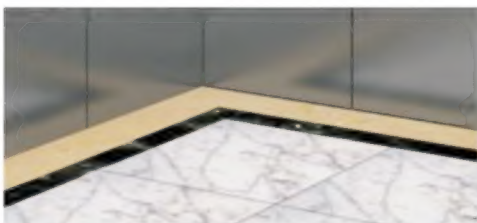
Car wall: Hairline mirror etching

Floor: PVC(standard)marble(optional)

## FUJI-NCE01



## FUJI-NFL02





## FUJI-NCA002

Ceiling: Hairline stainless steel frame, acrylic top panel

Car wall: Hairline stainless steel combine with mirror stainless steel

Floor: PVC(standard)marble(optional)



## FUJI-NCE02



## FUJI-NFL13





# CAR AND LANDING DECORATION

FUJI-NCOP01  
Standard



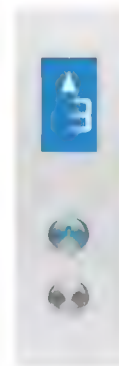
FUJI-NCOP02  
Optional



FUJI-NLD01



FUJI-NHOP01  
Standard



FUJI-NHOP02  
Optional



FUJI-NHR05      Standard



FUJI-NHR06      Standard





## FUJI-NCA03

Ceiling: Hairline stainless steel frame, acrylic top panel

Car wall: Hairline mirror etching

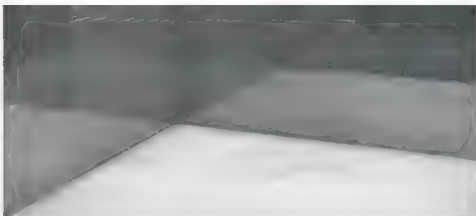
Floor: PVC(standard)marble(optional)



## FUJI-NCE03



## FUJI-NFL14





# CAR AND LANDING DECORATION

FUJI-NLD02



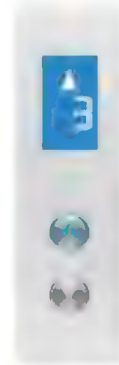
FUJI-NCOP03  
Standard



FUJI-NCOP04  
Optional



FUJI-NHOP03  
Standard



FUJI-NHOP04  
Optional



FUJI-NHR11      Standard





FUJI-NCA04



FUJI-NFL15

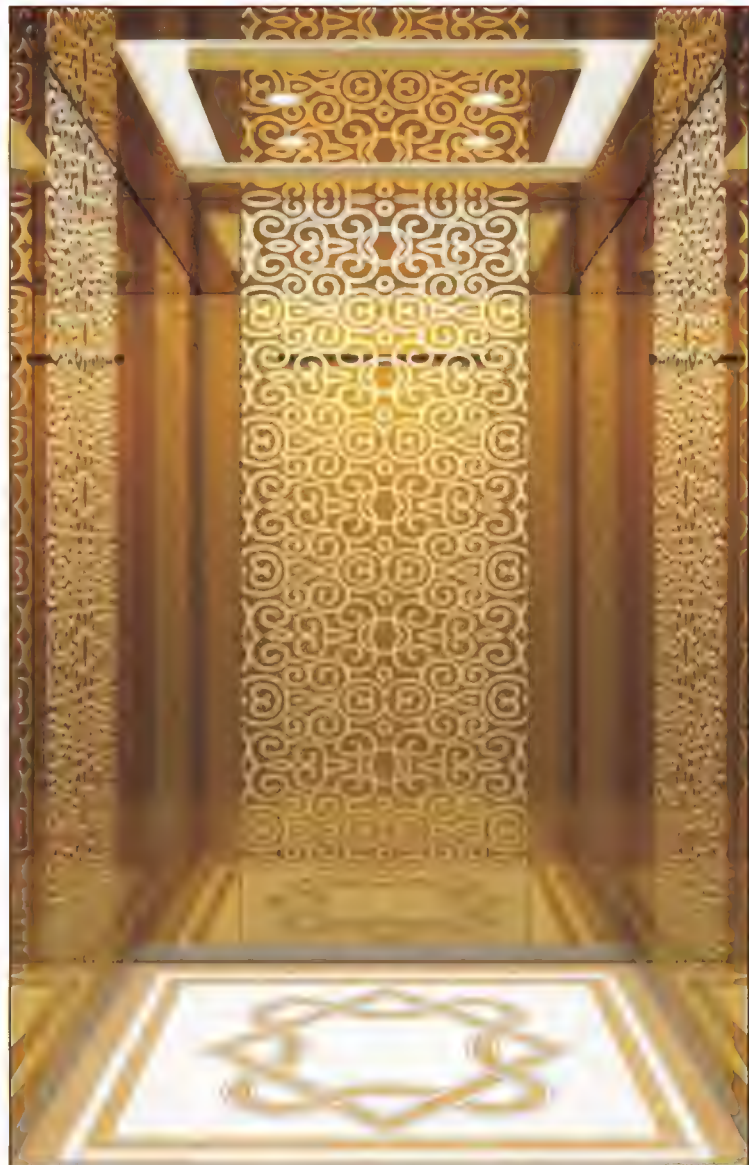


### FUJI-NCA04

Ceiling: Gold titanium mirror titanium frame with LED light

Car wall: Gold titanium mirror titanium

Floor: PVC(standard)marble(optional)





# CAR AND LANDING DECORATION

FUJI-NCOP05  
Standard



FUJI-NCOP06  
Optional



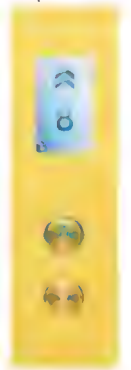
FUJI-NLD03



FUJI-NHOP05  
Standard



FUJI-NHOP06  
Optional



FUJI-NHR03



FUJI-NHR12





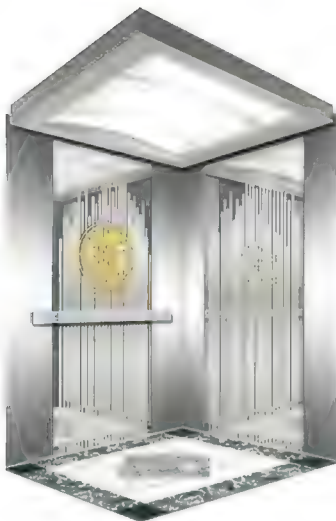
FUJI-NCA05



FUJI-NCA06



FUJI-NCA07



FUJI-NCA08



FUJI-NCA09



FUJI-NCA10





FUJI-NCA11



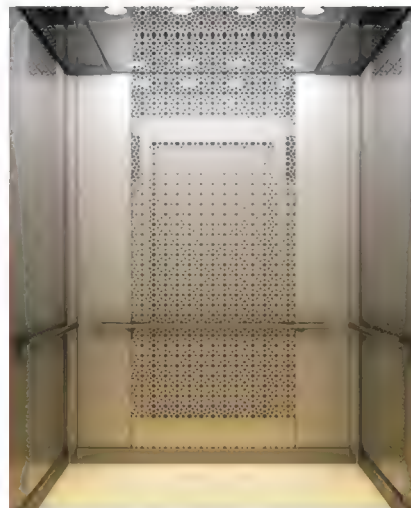
FUJI-NCA12



FUJI-NCA13



FUJI-NCA14



FUJI-NCA15



FUJI-NCA16



FUJI-NCA17



FUJI-NCA18



FUJI-NCA19



FUJI-NCA20



FUJI-NCA21



FUJI-NCA22





FUJI-NCA23



FUJI-NCA24



FUJI-NCA25



FUJI-NCA26

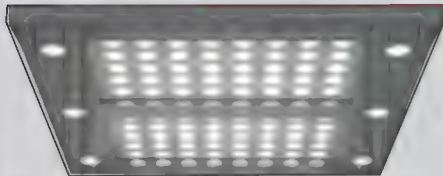


FUJI-NCA27



FUJI-NCA28

**FUJI-NCE05**



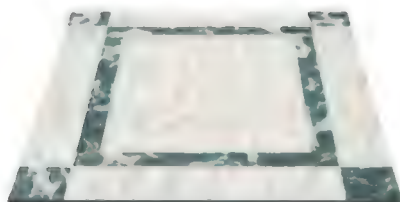
**FUJI-NCA30**

Ceiling: Mirror stainless steel, LED light  
Car wall: Mirror finish, etching finish, hairline finish  
Floor: PVC

**FUJI-NLD26**



**FUJI-NFL05**





## VILLA ELEVATOR CAR OPTIONS



FUJI-NCA31

FUJI-NCA32



FUJI-NCA33

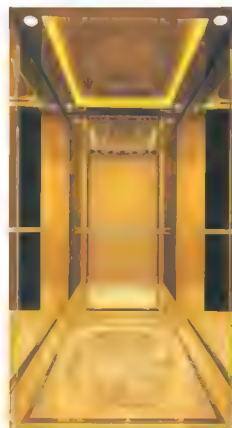
FUJI-NCA34



FUJI-NCA35



FUJI-NCA36



FUJI-NCA37

FUJI-NCA38



## SWING DOOR SERIES







FUJI-NSD31



FUJI-NSD32



FUJI-NSD33



FUJI-NSD34



FUJI-NSD35



FUJI-NSD36



FUJI-NSD37



FUJI-NSD38

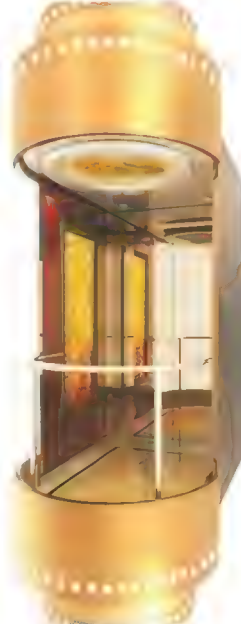




## OBSERVATION ELEVATOR CAR OPTIONS



FUJI-NCA40



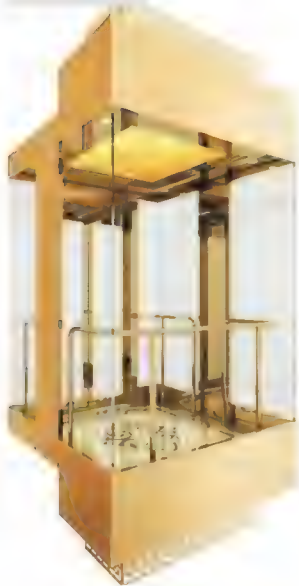
FUJI-NCA41



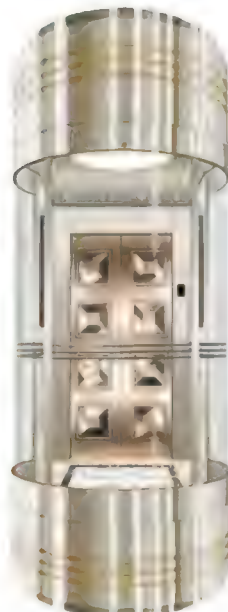
FUJI-NCA42



FUJI-NCA43



FUJI-NCA44



FUJI-NCA45



FUJI-NCA46



FUJI-NCA47

**FUJI NIPPON** hospital elevators are friendly designed which achieve an integrity of structure and function. The elevators are not only used for conveying medical equipment and goods such as wheel beds, wheel chairs, stretchers, racks and medical products, but also passengers such as doctors, nurses, patients and visitors.

The running of our hospital elevators is smooth and comfortable because they are equipped with **FUJI PIPPION** high quality control system, brand traction machine and safety parts, etc., those keep the car running stably and door opening smoothly.



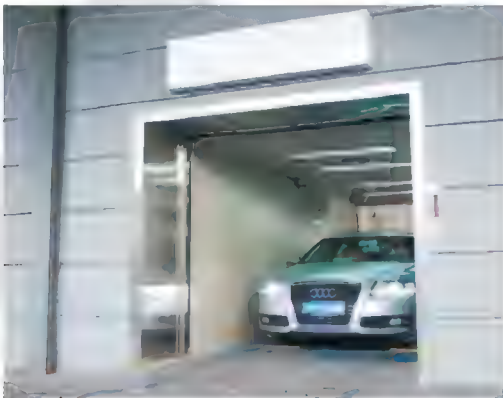
**FUJI NIPPON** hospital elevators are in good ventilation and with air disinfection purifier optional which keeps the air always fresh and clean.



## FUJI-NCA48

Ceiling:	Hairline stainless steel, acrylic sheet, LED energy-saving downlights
Cabin:	Hairline stainless steel
Car door:	Hairline stainless steel
Handrail:	Hairline stainless steel flat handrail
Lighting:	LED down light
Floor:	Marble(Standard)

## CAR ELEVATORS



- Special control/display system makes driver operates conveniently
- Safety guide device on cabin floor secures both the car and elevator
- Main/auxiliary COPs in the cabin fast operation
- Rear door opening optional for both front and rear entrance







**FUJI NIPPON** freight elevators are of top performance running in many awful conditions because they are equipped with our high series control technology, high density cabin, brand traction machines and safety parts. For the large capacity and door opening, reliable and stable running performance, and durable and long life cycle, **FUJI NIPPON** freight elevators are the ideal choice for the factory, logistic warehouse, shopping center, supermarket, hotel, etc.

## Options for door opening type

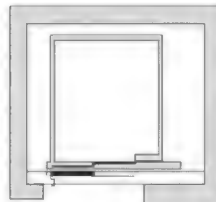
**FUJI NIPPON** designs our freight elevators with below four normal types for different occasional choices, and also other opening styles as request.



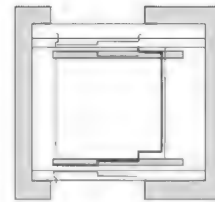
Two Panel Center Opening



Two Panel Side Opening



Front Door Opening



Front/Rear Door Opening



FUJI-NCA49



FUJI-NCA50

# DUMBWAITERS



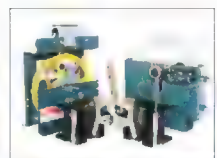
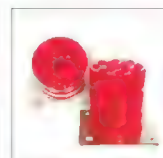
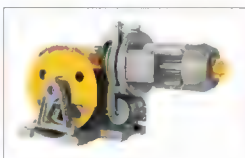
**Vertical Dumbwaiter, center opening door**

- Center opening door has large opening space for easy operation
- Fine CNC processing of door material ensures no scrapping or touching of the food in the car
- Customized control system, machines and safety parts keep the car clean and door smoothly open or close



**Vertical Dumbwaiter, upper opening door**

- Upper opening door saves top space
- Opening way is more keen to hand using habit
- Upper opening door prevents dust or other small things falling on the food



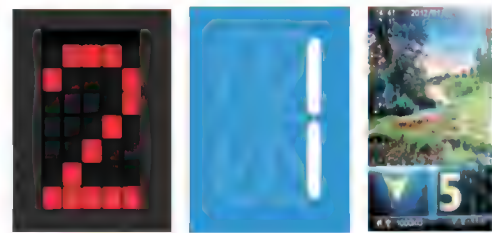


FUJI-NCOP08

FUJI-NCOP09

FUJI-NCOP10

FUJI-NCOP11



FUJI-PB01



FUJI-PB02



FUJI-PB03



FUJI-PB04



FUJI-PB05



FUJI-PB06



FUJI-PB07



FUJI-PB08

The push buttons have options of braille and different lighting color such red, orange, blue.



FUJI-NHOP07

FUJI-NHOP08

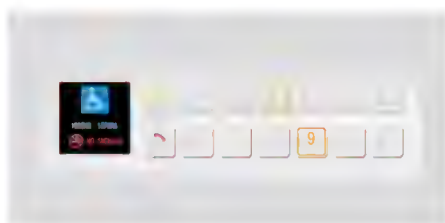
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FUJI-NHOP10

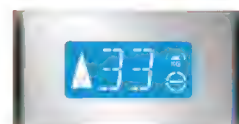
FUJI-NHOP11

FUJI-NHOP12





FUJI-NHOP13



FUJI-NHOP14



FUJI-NCOP12



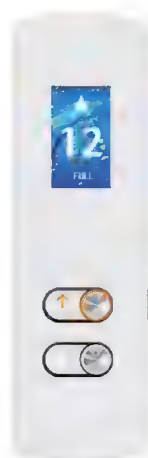
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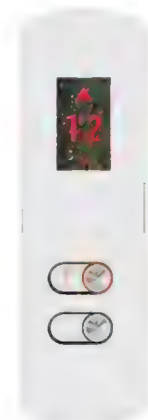
FUJI-NHOP16



FUJI-NCOP13



FUJI-NHOP17



FUJI-NHOP18



FUJI-FIRE-B



FUJI-PB09



FUJI-NHOP19



FUJI-NCOP14



FUJI-NHOP20



FUJI-NHOP21



FUJI-NCOP15



FUJI-NHOP22



FUJI-NCOP16



FUJI-NHOP23



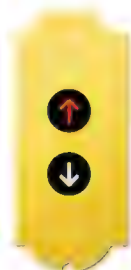
FUJI-NHOP24



FUJI-NHOP25



FUJI-NCOP17



FUJI-NHOP26



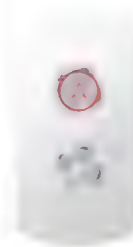
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FUJI-NHOP27



FUJI-NCOP19

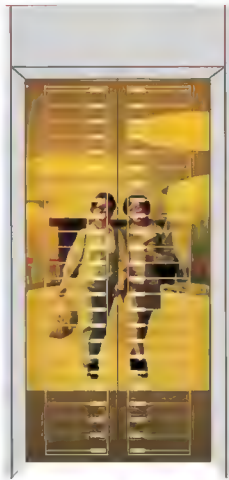


FUJI-NHOP28





FUJI-NLD04



FUJI-NLD05



FUJI-NLD06



FUJI-NLD07



FUJI-NLD08



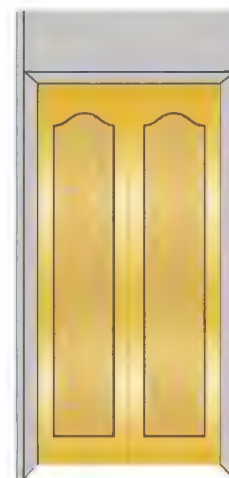
FUJI-NLD09



FUJI-NLD10



FUJI-NLD11



FUJI-NLD12



FUJI-NLD13



FUJI-NLD14



FUJI-NLD15



FUJI-NLD16



FUJI-NLD17



FUJI-NLD18



FUJI-NLD19



FUJI-NLD20



FUJI-NLD21



FUJI-NLD22



FUJI-NLD23



FUJI-NLD24



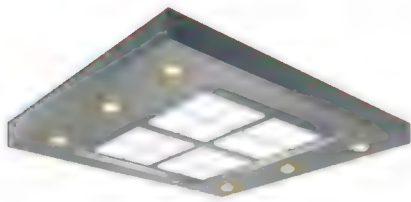
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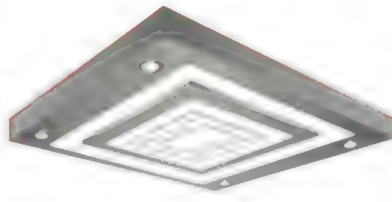
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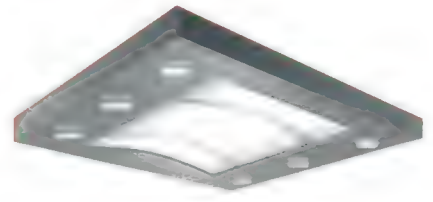
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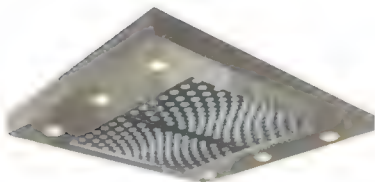
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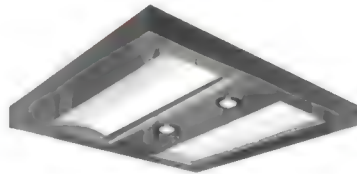
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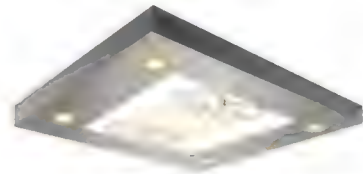
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FUJI-NCE09



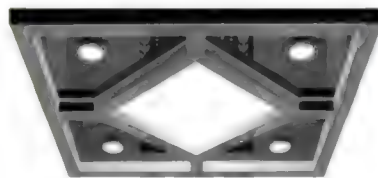
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FUJI-NCE11



FUJI-NCE12



FUJI-NCE13



FUJI-NCE14



FUJI-NCE15



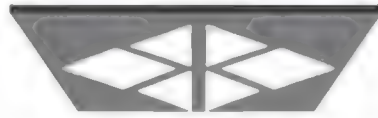
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FUJI-NCE17



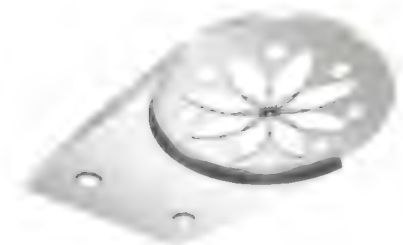
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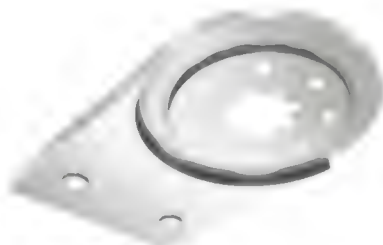
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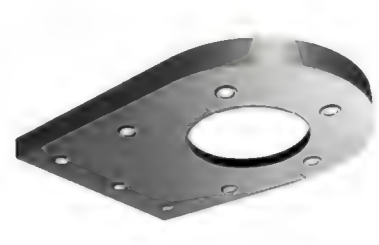
FUJI-NCE20



FUJI-NCE21



FUJI-NCE22



FUJI-NCE23



## FLOOR AND HANDRAIL SERIES



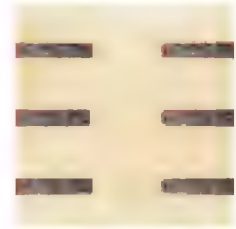
FUJI-NFL01



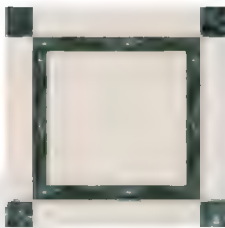
FUJI-NFL02



FUJI-NFL03



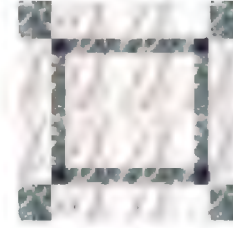
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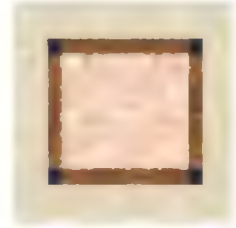
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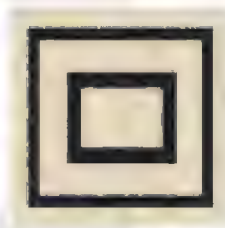
FUJI-NFL06



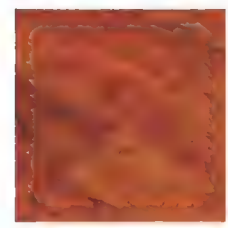
FUJI-NFL07



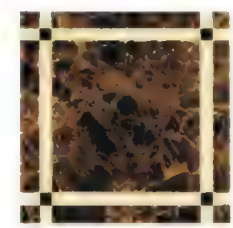
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FUJI-NFL09



FUJI-NFL10



FUJI-NFL11



FUJI-NFL12



FUJI-NHR01



FUJI-NHR02



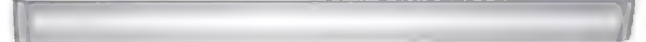
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FUJI-NHR04



FUJI-NHR05



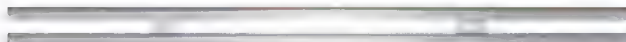
FUJI-NHR06



FUJI-NHR07



FUJI-NHR08



FUJI-NHR09



FUJI-NHR10

### Automatic Rescue Device (ARD)

The ARD provides power for elevator to keep running to nearest floor or base floor to evacuate the passengers when normal city power is off.



### IC Card Control

The visitors shall hold an IC card to get to the nominated floor.



### Community Monitoring System

The system realizes on-time monitoring of each elevator status by equip special communication module. This function should have the access of Communication company's agreement.



### Customized Outer Landing Door Jamb

The outer landing door jamb can be customized according to the wall thickness and customer's requirement.



## Earthquake Monitoring System

Before or when earthquake happens, the system sends the signal to elevator controller which will level the car to the nearest floor and open the door to evacuate the passengers.



## Energy Feedback System

This system helps elevator save 20% to 30% power consumption.



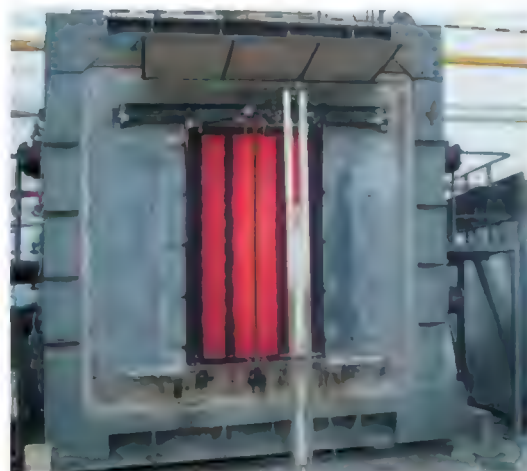
## Voltage Regulator

It keeps the stability of the voltage and make sure the elevator runs stable.



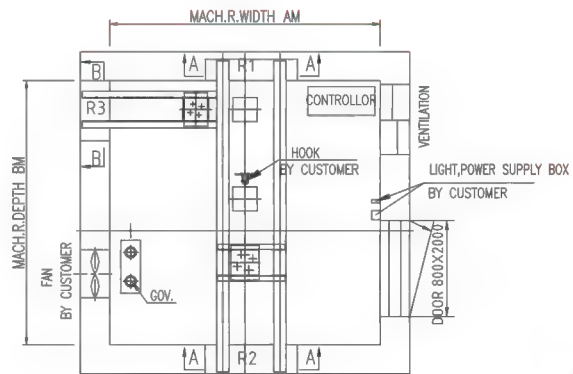
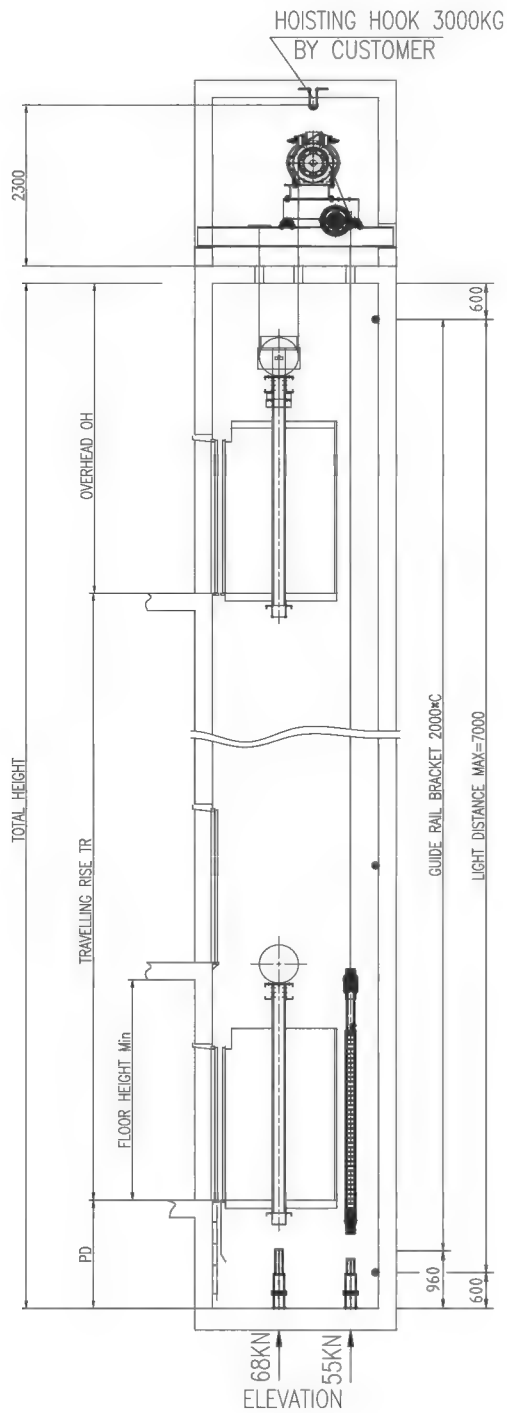
## Fire Resistance Door

By using NBSL or Wittur fire proof doors, the car can resist fire for one hour or two hours.

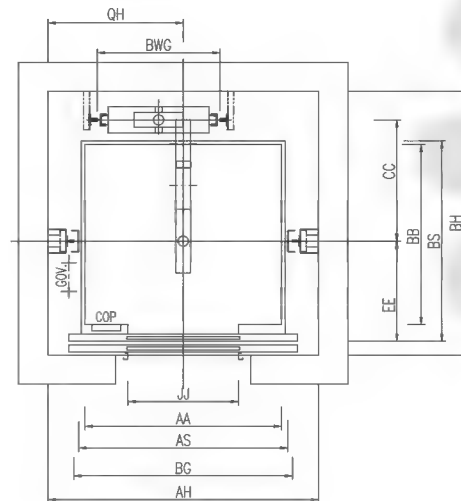




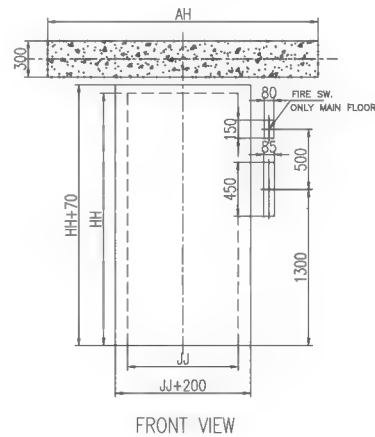
## FUJI NIPPON Mini MR passenger elevator



MACHINE ROOM PLAN



HOISTWAY PLAN



# FUJI NIPPON Shaft and machine room dimensions for mini MR passenger elevator

Table 1

Capacity (kg)	Speed (m/s)	Opening width JJ (mm)	Car width AA (mm)	Car depth BB (mm)	Car height CH (mm)	Hoistway width AH (mm)	Hoistway depth BH (mm)	Machine room width AM (mm)	Machine room depth BM (mm)	QH (mm)
450	1.0	800	1400	850	2385	1900	1500	1900	1500	975
630	1.0	800	1400	1100		1900	1750	1900	1750	975
	1.6 1.75	800	1100	1400		1800	2050	1800	2050	900
800	1.0 1.6 1.75	800	1400	1350	2385/ 2490	1900	2000	1900	2000	975
	2.0 2.5	800	1350	1400		1850	2050	1850	2050	950
1000	1.0 1.6	900	1600	1500		2200	2150	2200	2150	1100
	1.75	900	1600	1400		2200	2050	2200	2050	1100
	2.0 2.5	900	1100	2100		2100	2500	2100	2500	1093
	1250	1.0 1.6 1.75	1000	1800		1500	2400	2250	2400	2250
2.0 2.5		1100	2000	1400		2600	2150	2600	2150	1300
1350		1.0 1.6 1.75 2.0 2.5	1100	2000	1500	2600	2250	2600	2250	1300
	1600	1.0 1.6	1100	1950	1750	2600	2500	2600	2500	1300
1.75		1100	2000	1750	2600	2500	2600	2500	1300	
2.0 2.5		1100	2100	1600	2700	2350	2700	2350	1350	

Remarks:

1. QH is cabin center to shaft

2. 1000kg AA\*BB=1100\*2100 Counter weight side position

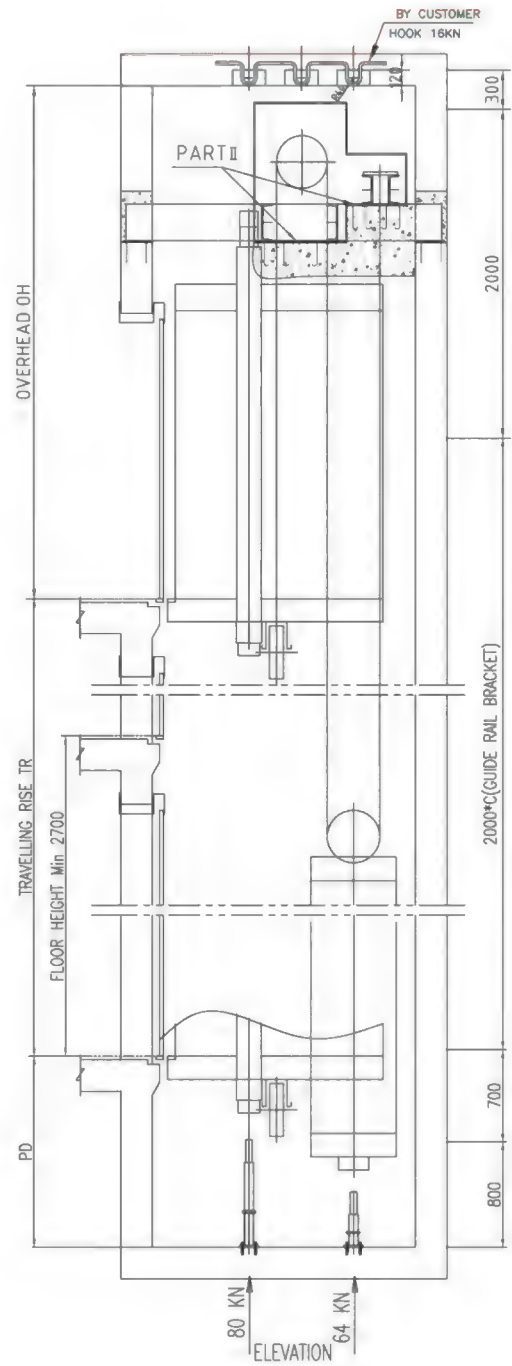
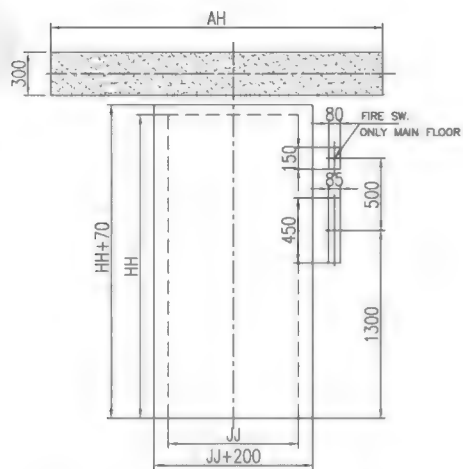
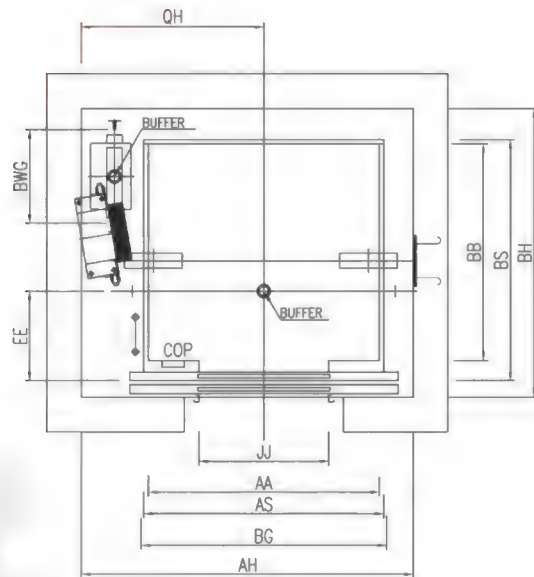
FUJI NIPPON Shaft and machine room dimensions for mini MR passenger elevator

Table 2

Capacity (kg)	Speed (m/s)	Over head OH (mm)	Pit depth PD (mm)	Car buffer reaction P1 (N)	CWT buffer reaction P2 (N)
450	1.0	4200	1400	48000	39000
630	1.0	4200	1400	68000	55000
	1.6	4400	1500	68000	55000
	1.75	4400	1500	68000	55000
800	1.0	4200	1400	78000	62000
	1.6	4400	1500	78000	62000
	1.75	4400	1500	78000	62000
	2.0	4600	1600	78000	62000
	2.5	4800	1800	78000	62000
1000	1.0	4350	1400	94000	74000
	1.6	4500	1500	94000	74000
	1.75	4500	1500	94000	74000
	2.0	4700	1600	94000	74000
	2.5	4900	1800	94000	74000
1250	1.0	4500	1400	108000	83000
	1.6	4650	1600	108000	83000
	1.75	4660	1600	108000	83000
	2.0	4800	1700	108000	83000
	2.5	5000	1900	108000	83000
1350	1.0	4500	1400	125000	98000
	1.6	4650	1600	125000	98000
	1.75	4660	1600	125000	98000
	2.0	4800	1700	125000	98000
	2.5	5000	1900	125000	98000
1600	1.0	4600	1400	166400	134400
	1.6	4800	1600	167000	135000
	1.75	4800	1600	167000	135000
	2.0	4900	1700	167000	135000
	2.5	5150	1900	167000	135000



# FUJI NIPPON MRL passenger elevator



## FUJI NIPPON Shaft dimensions for MRL passenger elevator

Table 1

Capacity (kg)	Speed (m/s)	Opening height JJ (mm)	Car inside width AA (mm)	Car inside depth BB (mm)	Car inside height CH (mm)	Car outside width AS (mm)	Car outside depth BS (mm)	Hoist- way width AH (mm)	Hoist- way depth BH (mm)	QH (mm)	
320	1.0	700	900	1000	2285 / 2385	962	1170	1650	1400	920	
400	1.0	800	1100	1000		1162	1170	1800	1400	970	
630	1.0	800	1100	1400	2385	1162	1570	1900	1950	1010	
	1.6										
	1.75										
800	1.0	800	1350	1400	2385 / 2490	1412	1570	2050	1950	1155	
	1.6										
	1.75										
900	1.0	900	1500	1500		1562	1670	2200	2000	1230	
	1.6										
	1.75										
1000	1.0	900	1600	1500		1662	1670	2300	2000	1280	
	1.6										
	1.75										
1350	1.0	1100	2000	1500		2490	2100	1670	3050	2250	1650
	1.6										
	1.75										
1600	1.0	1100	1950	1750	2050		1920	3000	2300	1625	
	1.6										
	1.75										

Remarks:

1. QH is cabin center to shaft

FUJI NIPPON Shaft dimensions for MRL passenger elevator

Table 2

Capacity (kg)	Speed (m/s)	Over head OH (mm)	Pit depth PD (mm)	Car buffer reaction P1 ( N )	CWT buffer reaction P2 ( N )
320	1.0	3700	1400	45000	35000
400	1.0	3700	1400	50000	40000
630	1.0	3900	1400	68000	55000
	1.6	4000	1700	68000	55000
	1.75	4150	1750	68000	55000
800	1.0	3900	1400	80000	64000
	1.6	4000	1700	80000	64000
	1.75	4150	1750	80000	64000
900	1.0	3900	1400	94000	74000
	1.6	4000	1700	94000	74000
	1.75	4150	1750	94000	74000
1000	1.0	3900	1400	94000	74000
	1.6	4000	1700	94000	74000
	1.75	4150	1750	94000	78000
1350	1.0	4000	1500	122000	95000
	1.6	4200	1700	122000	95000
	1.75	4300	1800	122000	95000
1600	1.0	4000	1500	166000	134000
	1.6	4200	1700	169000	134000
	1.75	4300	1750	166000	134000



FUJI NIPPON home elevator (counter-weight on one side)

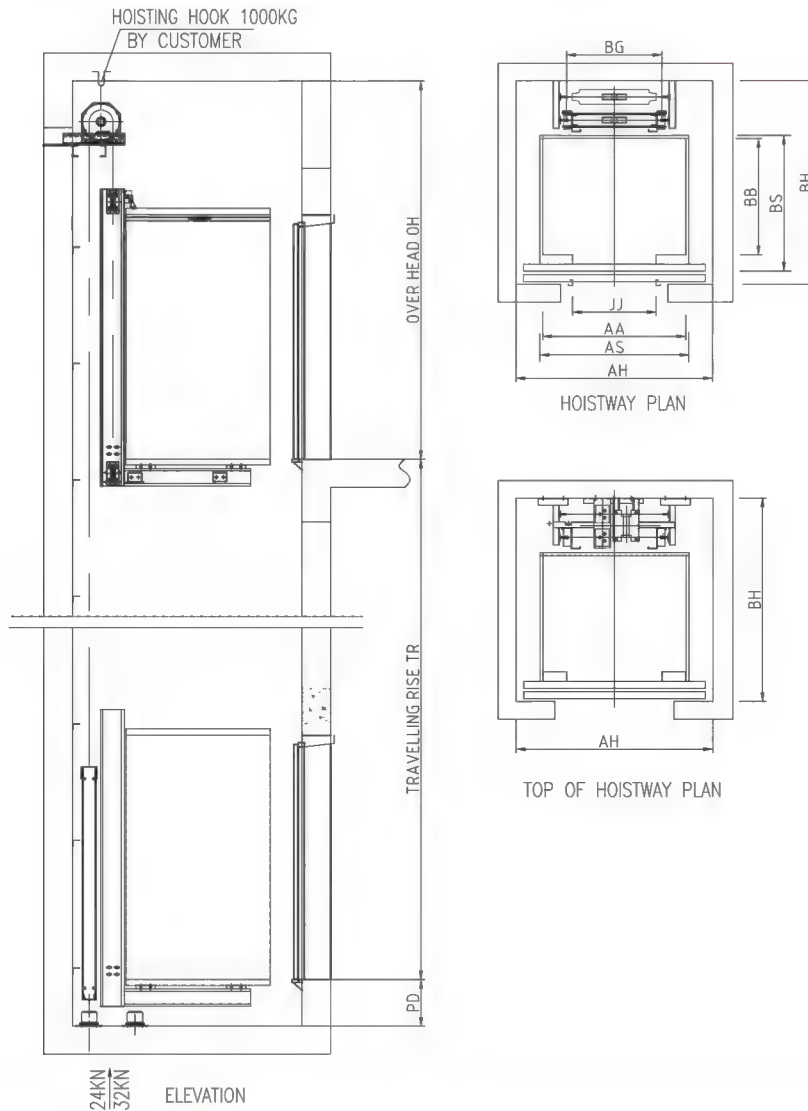


Table 1

Opening type	Capacity (kg)	Speed (m/s)	Opening width JJ (mm)	Car width AA (mm)	Car depth BB (mm)	Car height CH (mm)	Hoistway width AH (mm)	Hoistway depth BH (mm)
Side opening door	250	0.4	700	800	1100	2250	1500	1550
Side opening door	320	0.4	800	900	1200	2250	1550	1650
Side opening door	400	0.4	800	1000	1250	2250	1650	1700

## FUJI NIPPON home elevator (counter-weight on rear side)

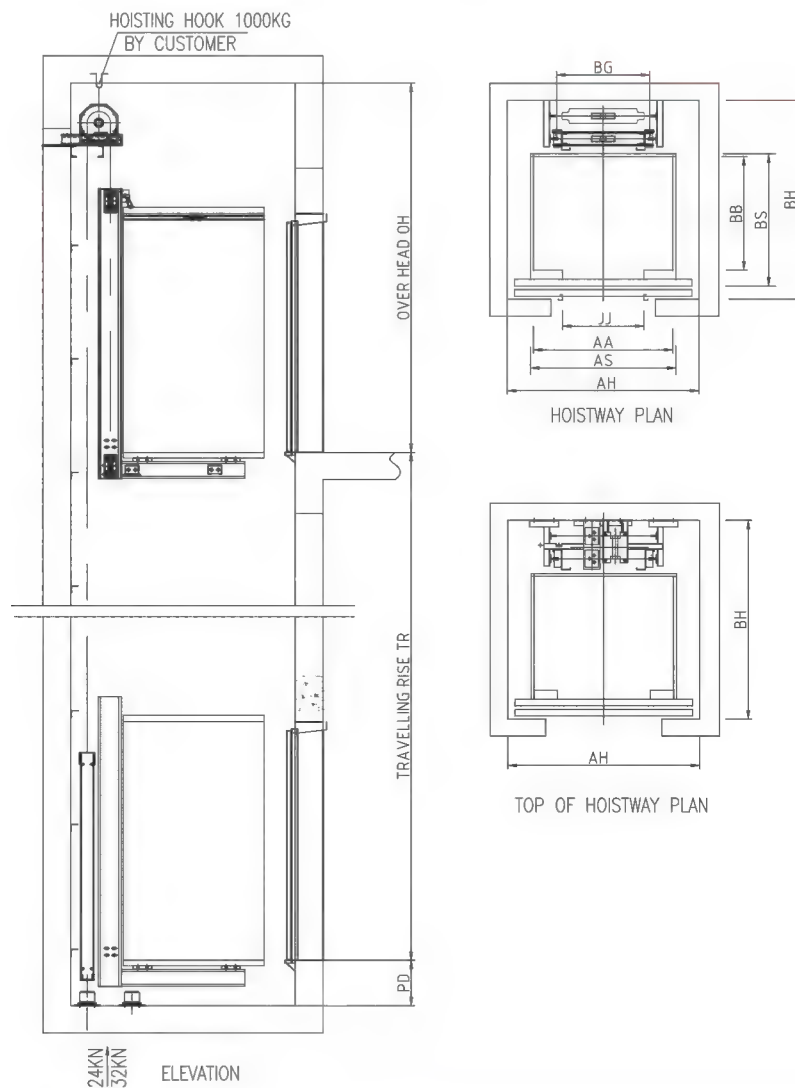
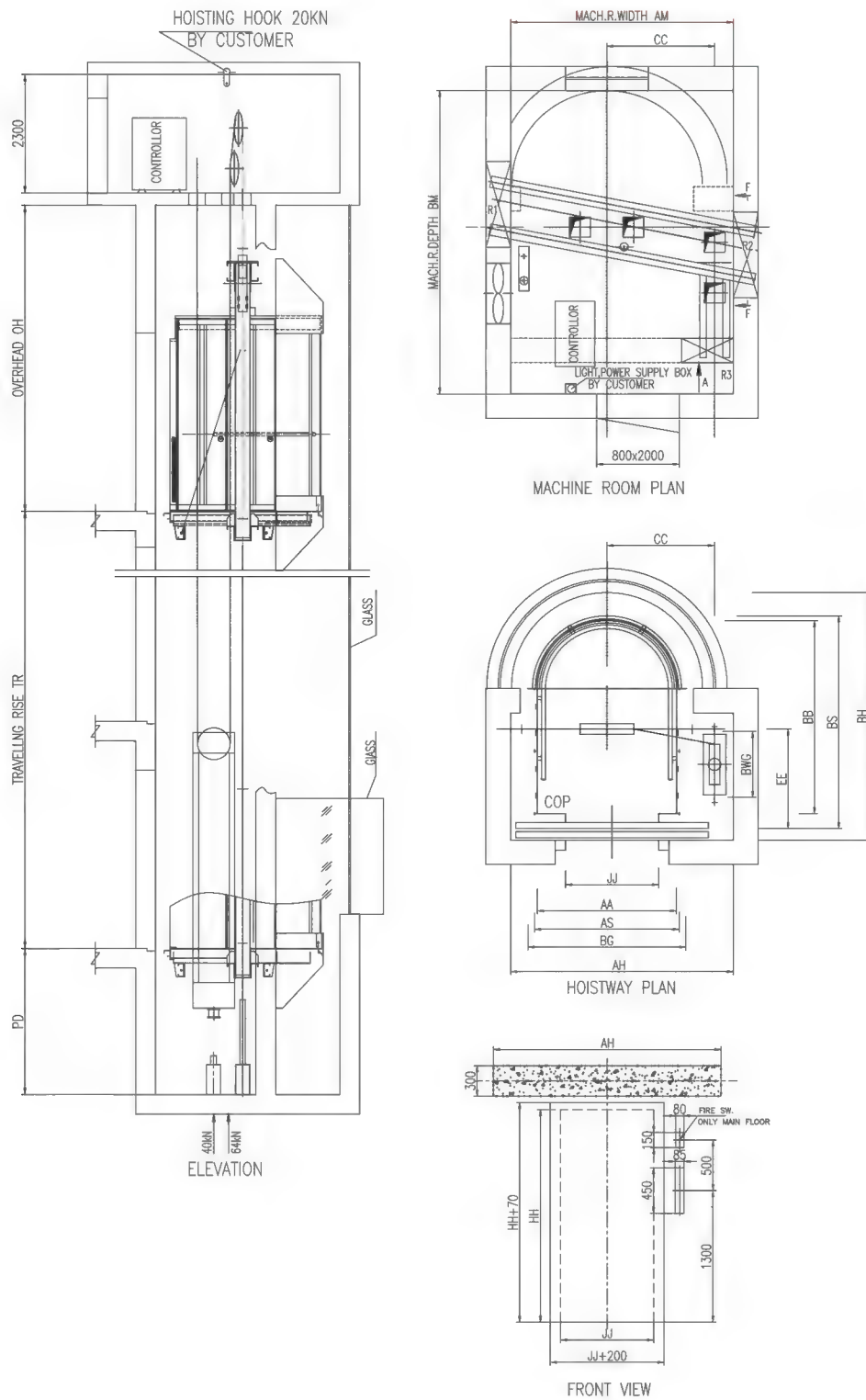


Table 2

Opening type	Capacity (kg)	Speed (m/s)	Opening width JJ (mm)	Car width AA (mm)	Car depth BB (mm)	Car height CH (mm)	Hoistway width AH (mm)	Hoistway depth BH (mm)
Centre-opening door	250	0.4	700	1100	800	2250	1600	1550
Centre-opening door	320	0.4	800	1200	900	2250	1650	1650
Centre-opening door	400	0.4	800	1250	1000	2250	1800	1750

## FUJI NIPPON panorama elevator (semi-circle)





FUJI NIPPON Machine room dimensions in the hoistway for panorama elevator (semi-circle)

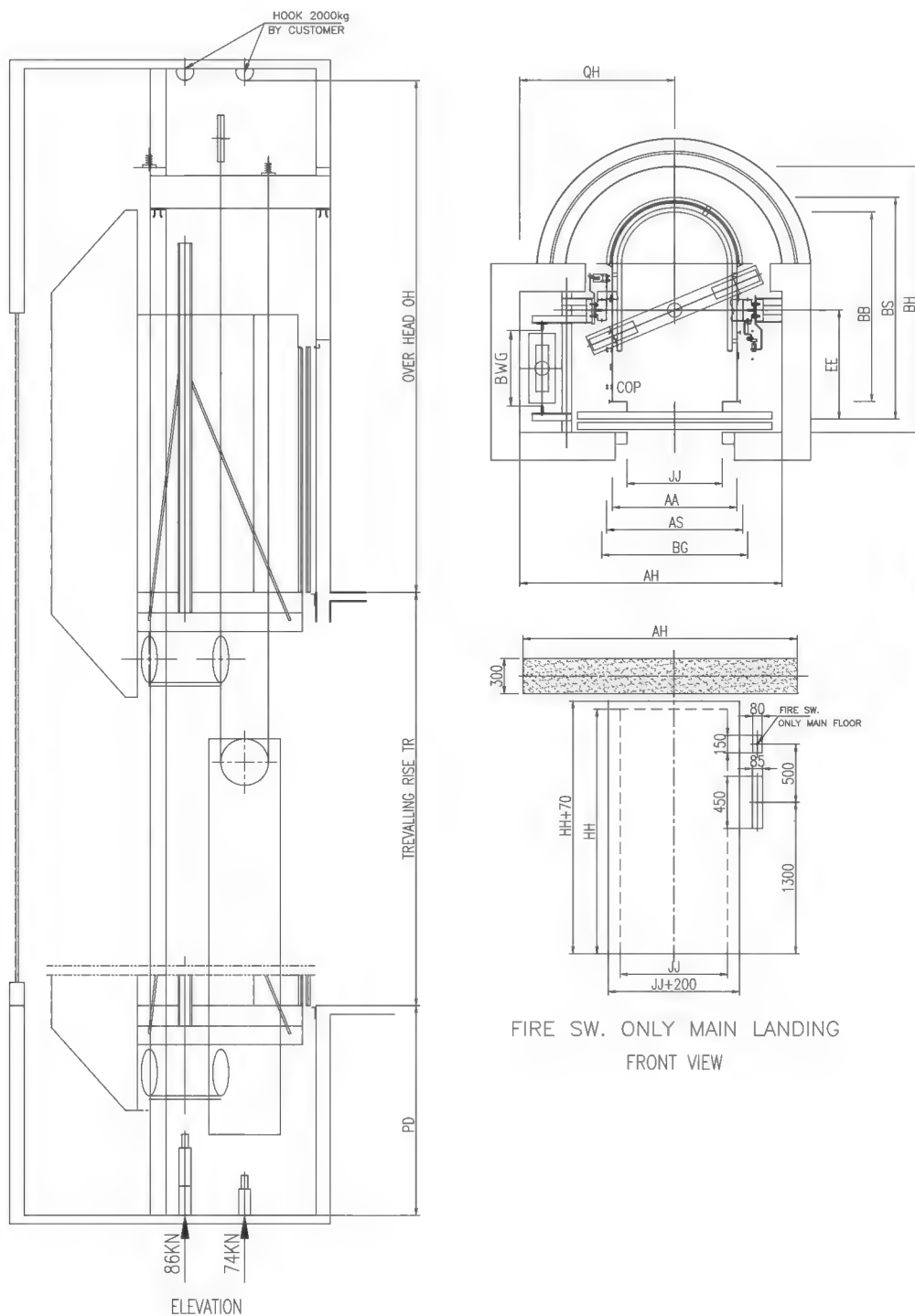
Table 1

Capacity (kg)	Speed (m/s)	Opening width JJ (mm)	Car width AA (mm)	Car depth BB (mm)	Car height CH (mm)	Hoistway width AH (mm)	Hoistway depth BH (mm)	Machine room width AM (mm)	Machine room depth BM (mm)	QH (mm)
630 Semi-cicle	1.0	800	1000	1695	2385	2050	2220	2050	2800	1100
	1.6									
	1.75									
800 Semi-cicle	1.0	800	1200	1708	2385	2150	2220	2150	2800	1200
	1.6									
	1.75									
1000 Semi-cicle	2.0	900	1300	1908	2385	2250	2420	2250	3000	1250
	1.0									
	1.6									

Table 2

Load capacity (kg)	Speed (m/s)	Over head OH (mm)	Pit depth PD (mm)	Car buffer reaction P1 (N)	CWT buffer reaction P2 (N)
630 Semi-cicle	1.0	4300	1800	86000	74000
	1.6	4450	1900	86000	74000
	1.75	4550	2000	86000	74000
800 Semi-cicle	1.0	4300	1800	99000	83000
	1.6	4450	1900	99000	83000
	1.75	4550	2000	99000	83000
	2.0	4800	2200	99000	83000
1000 Semi-cicle	1.0	4300	1800	118000	98000
	1.6	4450	1900	118000	98000
	1.75	4550	2000	118000	98000
	2.0	4800	2200	118000	98000

## FUJI NIPPON panorama elevator (semi-cricle)



FUJI NIPPON Machine room less dimensions in the hoistway for panorama elevator (semi-cicle)

Table 1

Capacity (kg)	Speed (m/s)	Opening width JJ (mm)	Car width AA (mm)	Car depth BB (mm)	Car height CH (mm)	Hoistway width AH (mm)	Hoistway depth BH (mm)	QH (mm)
630 Semi-cicle	1.0	800	1000	1695	2385	2250	2220	1300
	1.6							
	1.75							
800 Semi-cicle	1.0	800	1200	1708	2385	2400	2220	1400
	1.6							
	1.75							
1000 Semi-cicle	1.0	900	1300	1908	2385	2500	2450	1450
	1.6							
	1.75							

Remarks:

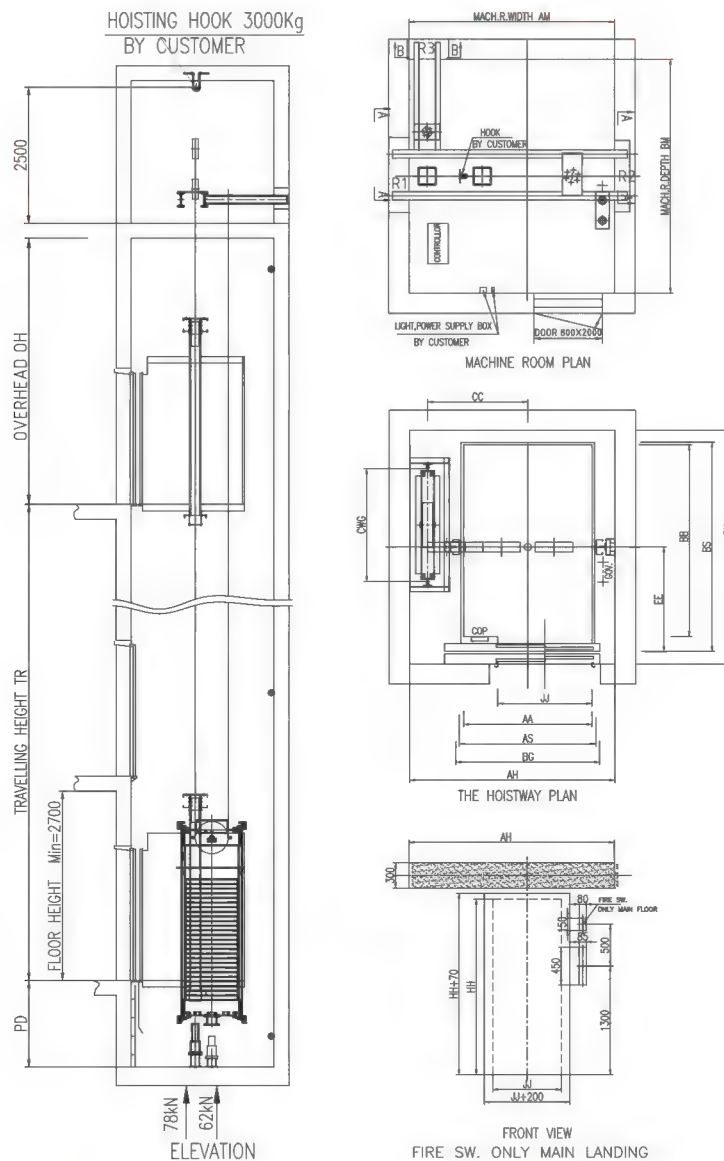
1.QH stands for the distance from the center of the elevator car to the the well enclosure.

Table 2

Capacity (kg)	Speed (m/s)	Over head OH (mm)	Pit depth PD (mm)	Car buffer reaction P1 (N)	CWT buffer reaction P2 (N)
630	1.0	4500	1800	86000	74000
	1.6	4650	1900	86000	74000
	1.75	4700	1950	86000	74000
800	1.0	4500	1800	86000	74000
	1.6	4650	1900	86000	74000
	1.75	4700	1950	86000	74000
1000	1.0	4500	1800	118000	98000
	1.6	4650	1900	118000	98000
	1.75	4700	1950	118000	98000



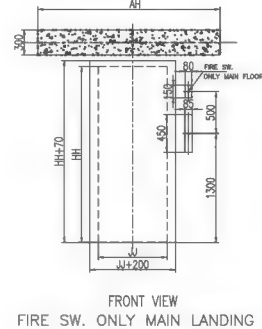
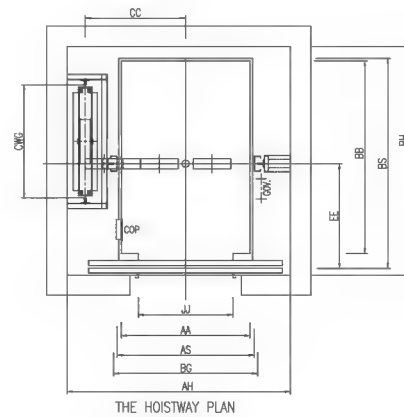
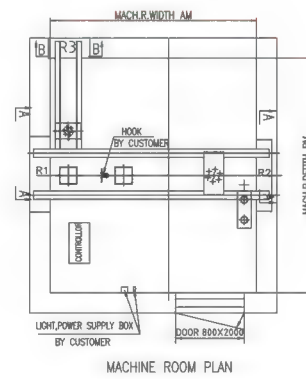
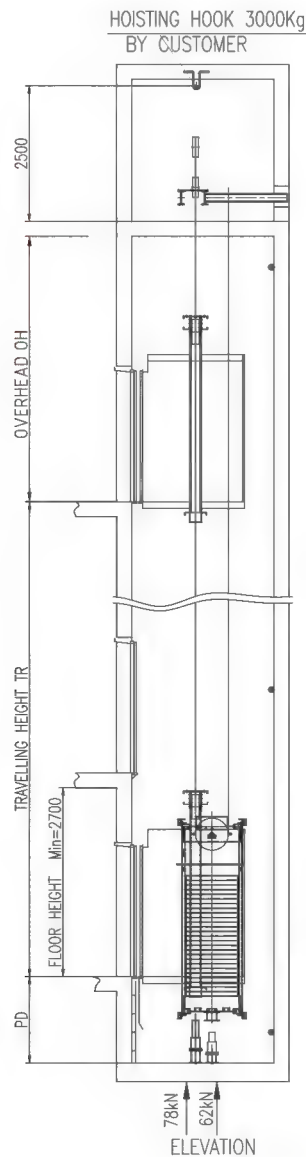
FUJI NIPPON Mini MR bed elevator (side opening)



YS-MMR Bod elevator (plate opening) shift &amp; MR size

Capacity (kg)	Speed (m/s)	Opening width JJ (mm)	Car width AA (mm)	Car depth BB (mm)	Car height CH (mm)	Shaft width AH (mm)	Shaft depth BH (mm)	Over head OH (mm)	PIT depth PD (mm)
1600	1.0	1100	1400	2400	2385	2550	2900	4250	1400
	1.6	1100	1400	2400	2385	2550	2900	4400	1500
	1.75	1100	1400	2400	2385	2550	2900	4500	1600

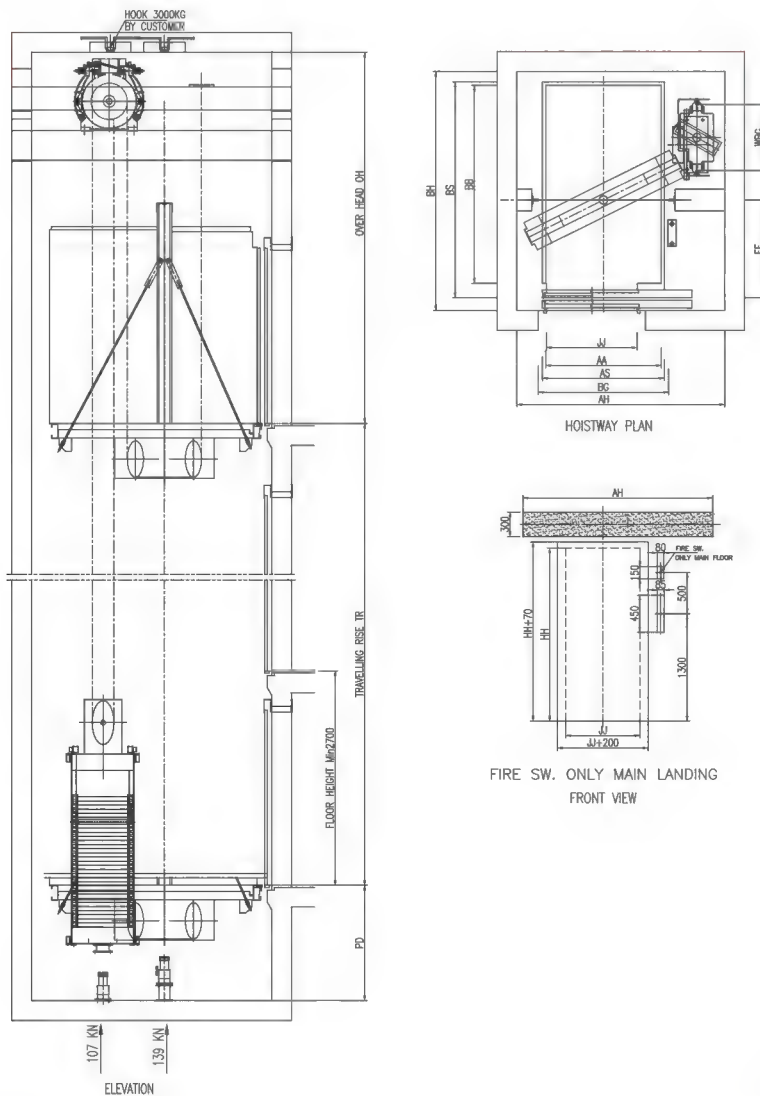
## FUJI NIPPON Mini MR bed elevator (center opening)



YS-MMR Bed elevator (side opening) shaft & MR size

Capacity (kg)	Speed (m/s)	Opening width JJ (mm)	Car width AA (mm)	Car depth BB (mm)	Car height CH (mm)	Shaft width AH (mm)	Shaft depth BH (mm)	Over head OH (mm)	PIT depth PD (mm)
1600	1.0	1100	1400	2400	2385	2550	2900	4250	1400
	1.6	1100	1400	2400	2385	2550	2900	4400	1500
	1.75	1100	1400	2400	2385	2550	2900	4500	1600

FUJI NIPPON MRL bed elevator (side opening)



FUJI NIPPON Machine room dimensions in the hoistway for bed elevator (side opening)

Table 1

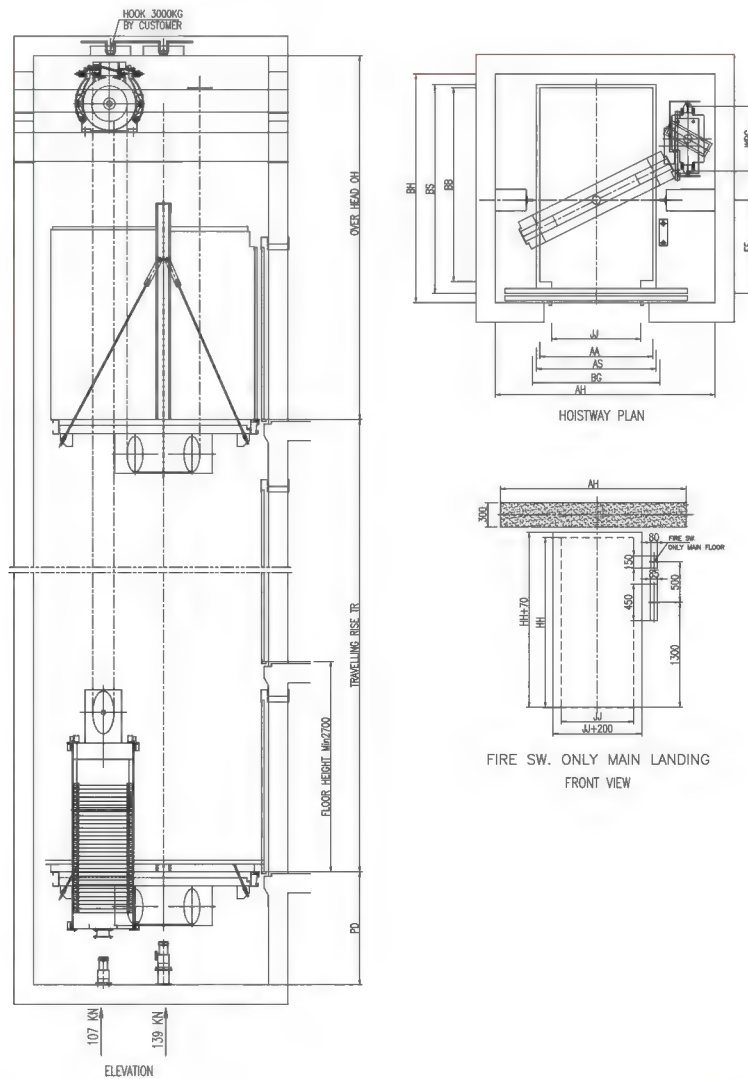
Capacity (kg)	Speed (m/s)	Opening width JJ (mm)	Car width AA (mm)	Car depth BB (mm)	Car height CH (mm)	Shaft width AH (mm)	Shaft depth BH (mm)	Over head OH (mm)	PIT depth PD (mm)
1600	1.0	1100	1400	2400	2385	2550	2900	4250	1400
	1.6	1100	1400	2400	2385	2550	2900	4400	1500
	1.75	1100	1400	2400	2385	2550	2900	4500	1600

Table 2

Capacity (kg)	Speed (m/s)	Support beam reaction R1 (N)	Support beam reaction R2 (N)	Support beam reaction R3 (N)	Support beam reaction R4 (N)
1600	1.0	68000	29000	16000	36000
	1.6				
	1.75				



## FUJI NIPPON MRL bed elevator (CO)

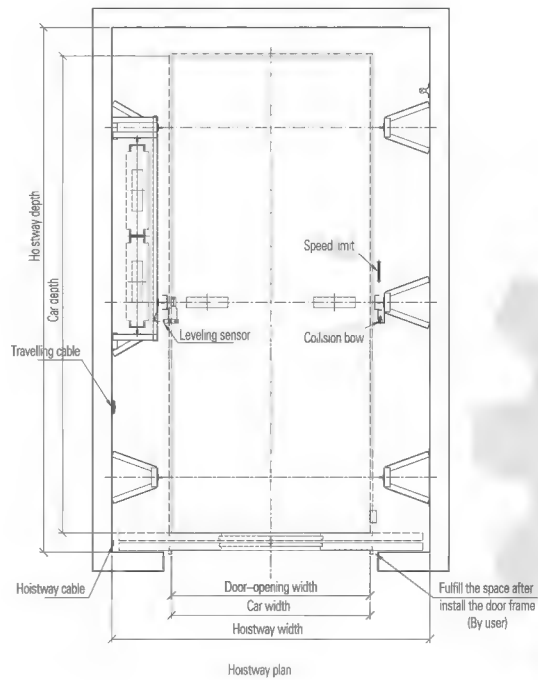
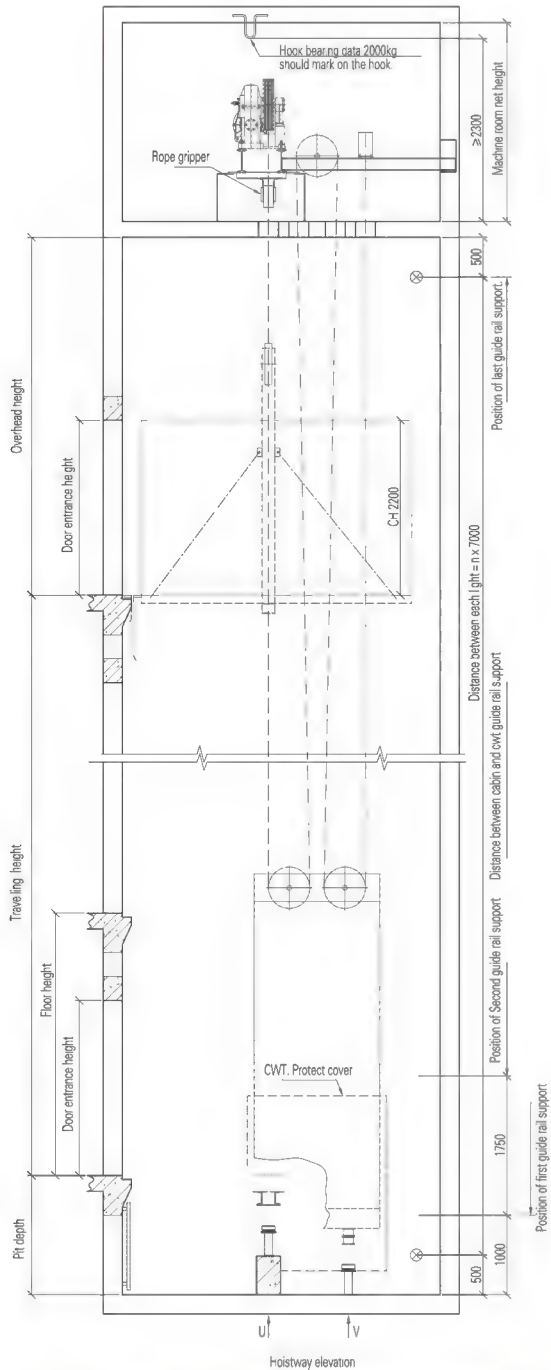


## FUJI NIPPON Machine room less dimensions in the hoistway for bed elevator (CO)

Table 1									
Capacity (kg)	Speed (m/s)	Opening width JJ (mm)	Car width AA (mm)	Car depth BB (mm)	Car height CH (mm)	Shaft width AH (mm)	Shaft depth BH (mm)	Over head OH (mm)	PIT depth PD (mm)
1600	1.0	1100	1400	2400	2385	2650	2850	4500	1450
	1.6	1100	1400	2400	2385	2650	2850	4650	1550
	1.75	1100	1400	2400	2385	2650	2850	4750	1650

Table 2					
Capacity (kg)	Speed (m/s)	Support beam reaction R1 (N)	Support beam reaction R2 (N)	Support beam reaction R3 (N)	Support beam reaction R4 (N)
1600	1.0	68000	29000	16000	36000
	1.6				
	1.75				

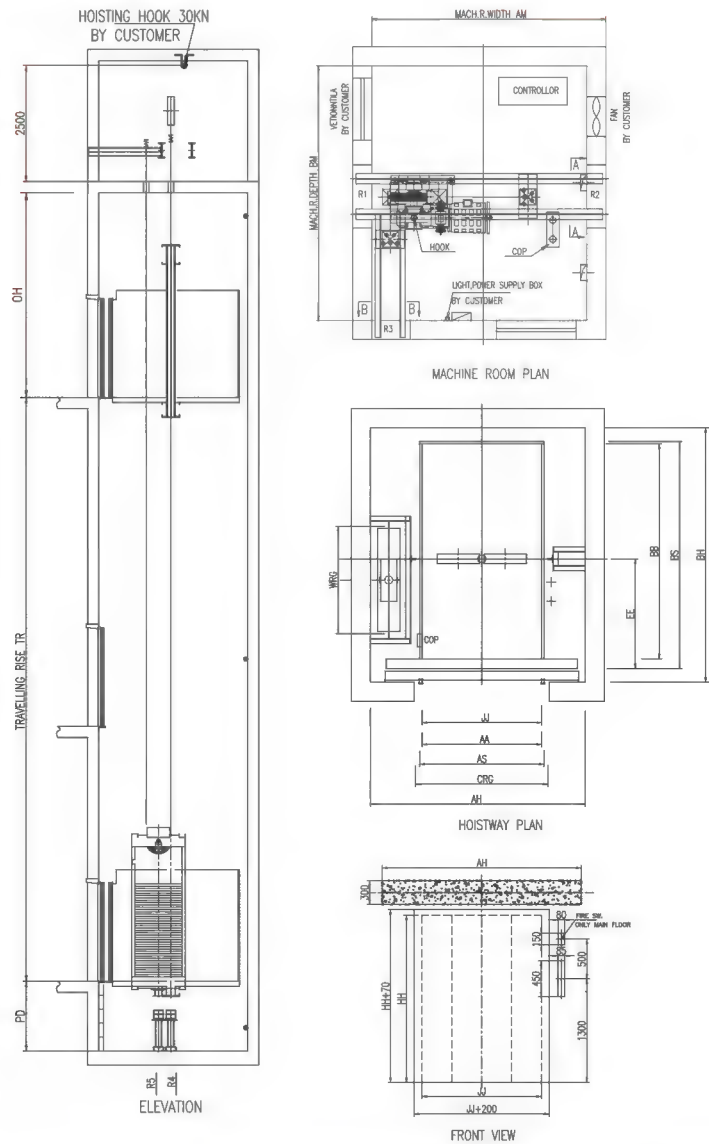
## FUJI NIPPON Car elevator construction parameters



Load (kg)	Speed (m/s)	Cabin size (mm)			Hostway size (mm)			Max floor (層)	Max travelling (m)
		CW	CD	OP	HC	TC	SC		
3000	0.25	2500	6000	2400	4000	6500	1700	5	15
	0.5	2500	6000	2400	4000	6500	1700	8	30
5000	0.25	2700	6500	2500	4200	7000	1700	5	15
	0.5	2700	6500	2500	4200	7000	1700	8	30

Note: Only for reference, final manufacture please follow contract

### FUJI NIPPON Mini MR freight elevator (single-door)



FUJI NIPPON Shaft and machine room dimensions for mini MR freight Elevator (single-door)

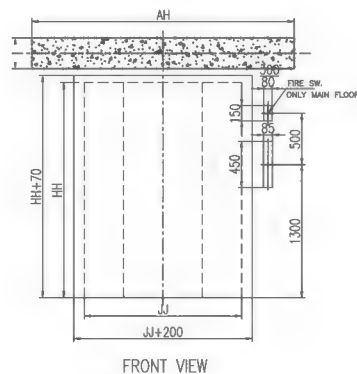
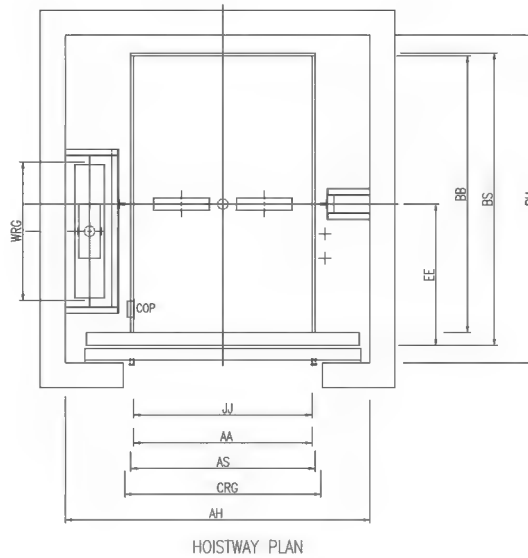
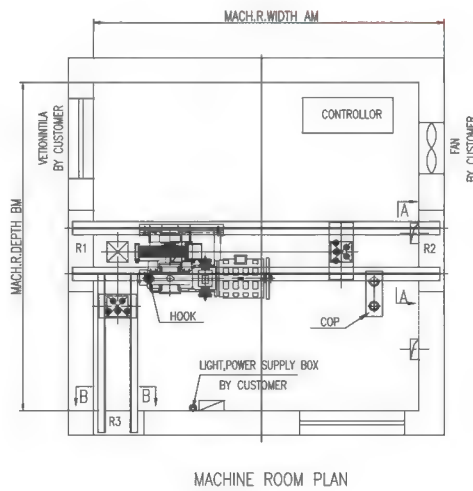
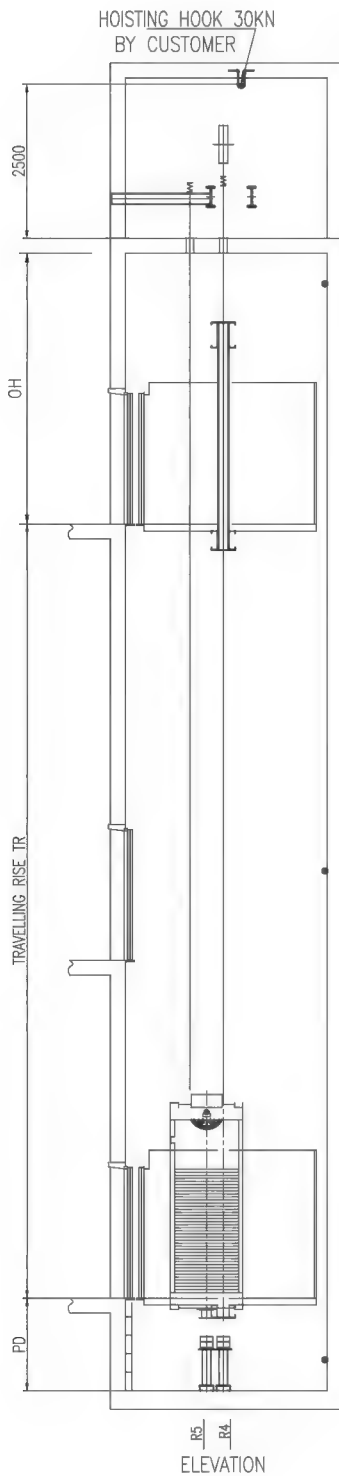
Table 1											
Capacity (kg)	Speed (m/s)	Opening width JJ (mm)	Opening height HH (mm)	Car width AA (mm)	Car depth BB (mm)	Car height CH (mm)	Hoistway width AH (mm)	Hoistway depth BH (mm)	Machine room width AM (mm)	Machine room depth BM (mm)	
2000	0.5	1500	2100	1500	2700	2300	2800	3150	2800	3150	
	1.0										
3000	0.5	2100	2100	2100	2700	2300	3550	3150	3550	3150	
	1.0										

Table 2						
Capacity (kg)	Speed (m/s)	Over head OH (mm)	Pit depth PD (mm)	Car buffer reaction P1 (N)		CWT buffer reaction P2 (N)
2000	0.5	4400	1400	126000		165000
	1.0					
3000	0.5	4400	1400	185000		243000
	1.0					



FUJI NIPPON freight elevator (4 panels side opening)



FUJI NIPPON Machine room dimensions in the hoistway for freight elevator (4 panels side opening)

Table 1

Capacity (kg)	Speed (m/s)	Opening width JJ (mm)	Car width AA (mm)	Car depth BB (mm)	Car height CH (mm)	Hoistway width AH (mm)	Hoistway depth BH (mm)	Machine room width AM (mm)	Machine room depth BM (mm)	Doorway width QH (mm)
1600	0.5	1500	1500	2250	2300	2700	2750	3400	4500	1700
	1.0									
	1.5	1500	1500	2250		2700	2750	3400	4500	1700
	1.75									
2000	0.5	1500	1500	2700		2700	3200	3400	4900	1700
	1.0									
3000	0.5	2200	2200	2700		3600	3200	3600	4900	2400
4500	0.5	2400	2400	3400	2600	4000	4000	4000	5400	2600
5000	0.5	2400	2400	3600		4000	4300	4000	5700	2600

Table 2

Capacity (kg)	Speed (m/s)	Over head OH (mm)	PIT depth PD (mm)	Support beam reaction R1 (N)	Support beam reaction R2 (N)	Support beam reaction R3 (N)	Car buffer reaction R4 (N)	CWT buffer reaction R5 (N)
1600	0.5	4400	1500	74000	31000	7000	139000	107000
	1.0							
	1.5	4600	1600	86000	51000	/	2*70000	107000
	1.75	4600	1700	86000	51000	/	2*70000	107000
2000	0.5	4400	1500	109000	49000	8000	168000	128000
	1.0	4400	1700	109000	49000	8000	168000	128000
3000	0.5	4400	1500	148000	109000	8000	2*120000	180000
4500	0.5	5100	1700	225000	107000	16000	360000	270000
5000	0.5	5100	1700	255000	120000	18000	400000	300000



# INDOOR ESCALATORS

## Advanced Technology, Top Class Quality

**FUJI NIPPON** escalators are beyond your expectations. Applicable for different large passenger flow area such as shopping center, supermarket, subway, metro and railway station, our indoor escalators have been popular for many years in the world.

By adopting VVVF control technology, the people and environment friendly design idea, and advanced processing technology, **FUJI NIPPON** escalators provide you with excellent experience of safety, smoothness, comfortability, low power consumption and low maintenance frequency.



## Effective Drive, Low Energy Waste

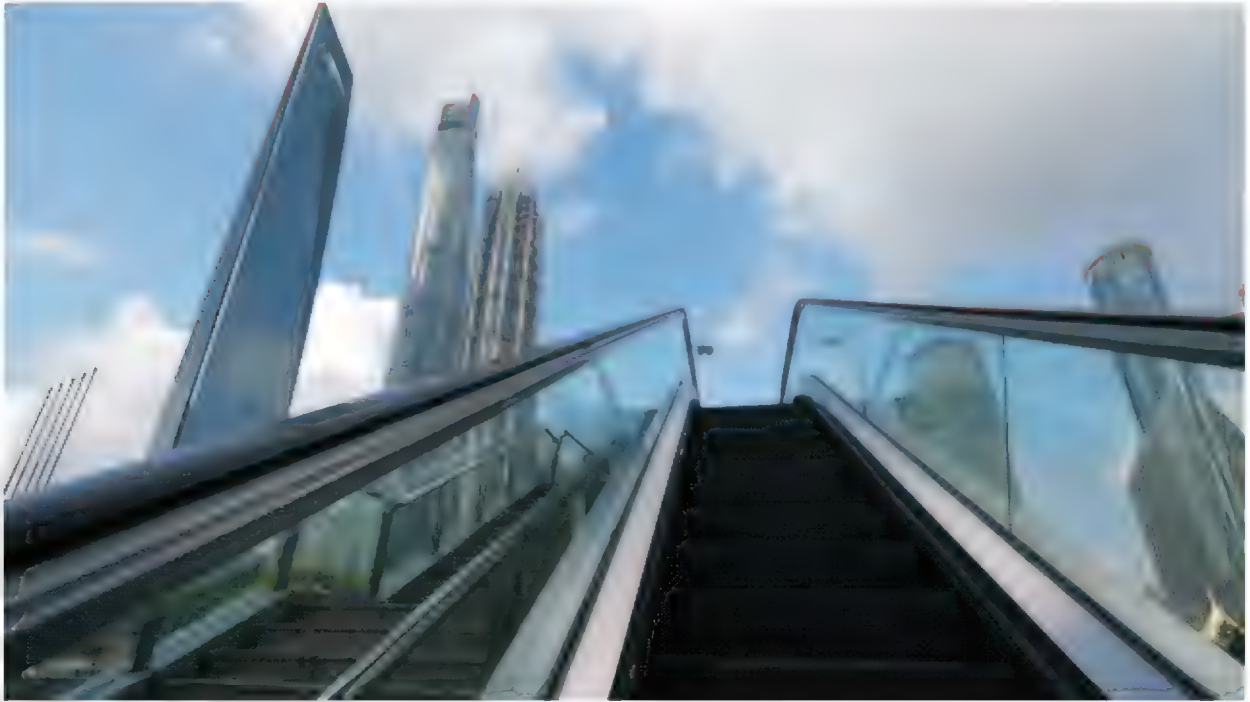
**FUJI NIPPON** escalators equip precised and efficient geared VVVF machines which work more efficiently than the worm-gear decelerator machines.

The geared VVVF machines could adjust running status according to passenger flow and thus decrease the power consumption.





## OUTDOOR ESCALATORS



**FUJI NIPPON** outdoor escalators are widely installed in the overbridges on roads, outer of shopping malls, subway/metro stations, railway stations, airports, landscape scenery, etc. The design on appearance and function of the outdoor escalators is flexible according to different places and integrates with the places in harmony.

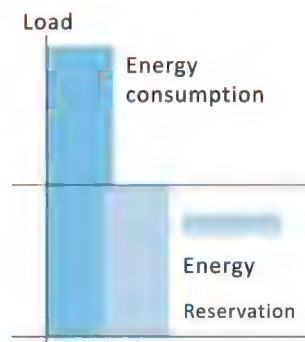
**FUJI NIPPON** outdoor escalators are adaptable to extreme environment of sunset, wind and sand for technology of anti-sunlight, anti-corrosion, water proof, and seismic resistance, therefore our outdoor escalators have a continuous and long lifecycle.





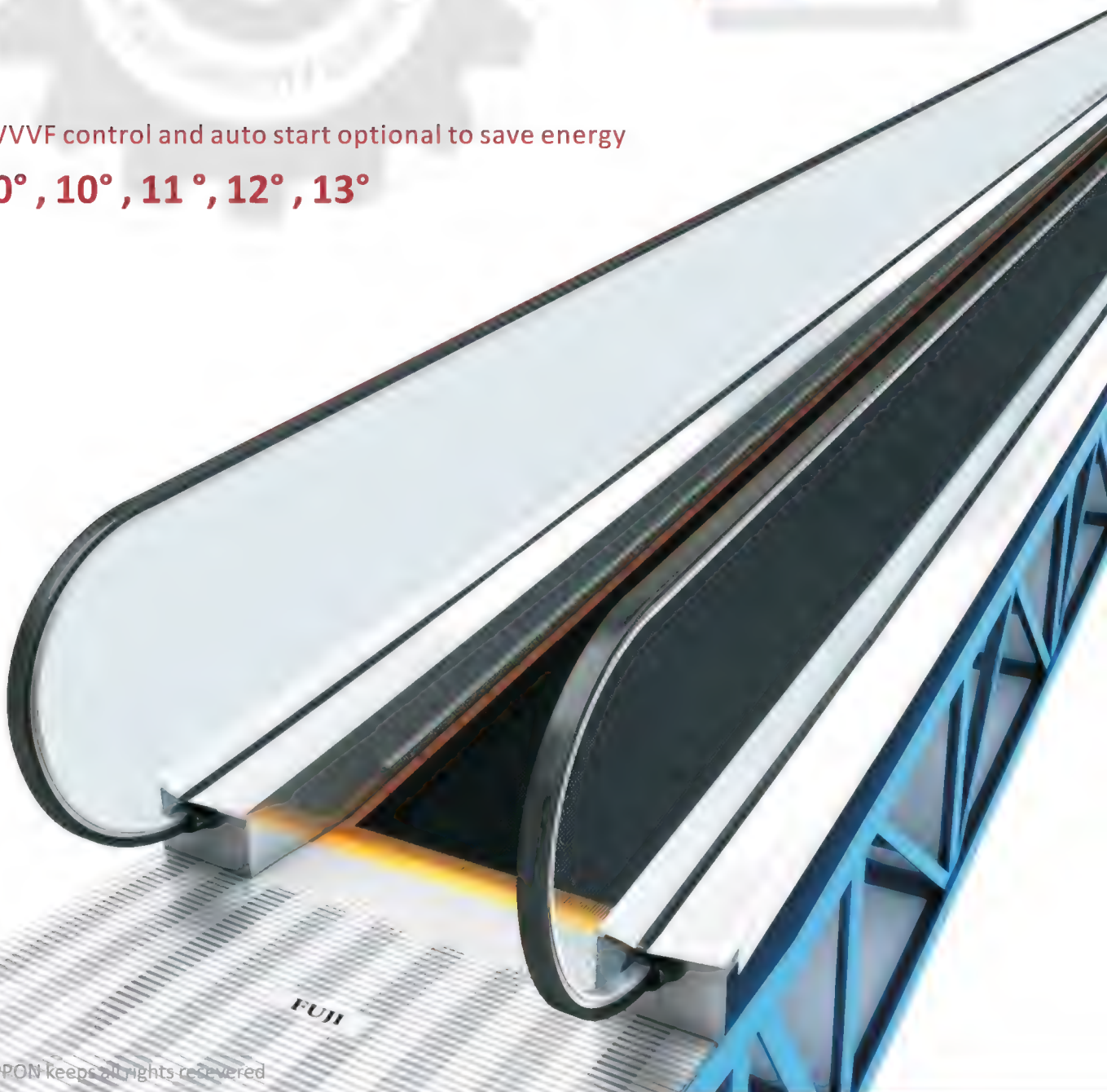
### Choose Moving Walk, Choose Reassuring Walk

**FUJI NIPPON** moving walks meet the requirement of transferring and reassuring the passengers in public traffic especially those often with large flow people such as airport, exhibition center. People can just rest or walk leisurely on the moving walks after a tired journey.



VVVF control and auto start optional to save energy

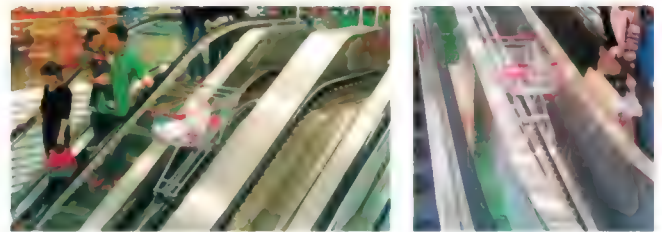
**0°, 10°, 11°, 12°, 13°**



# SHOPPING CARTS

**FUJI NIPPON** shopping carts are widely installed in shopping malls and supermarkets. Same as the escalators, our shopping carts are run by VVVF control system, which undertakes the clients on the cart stably and safely. The passengers and the goods are all conveyed effectively.

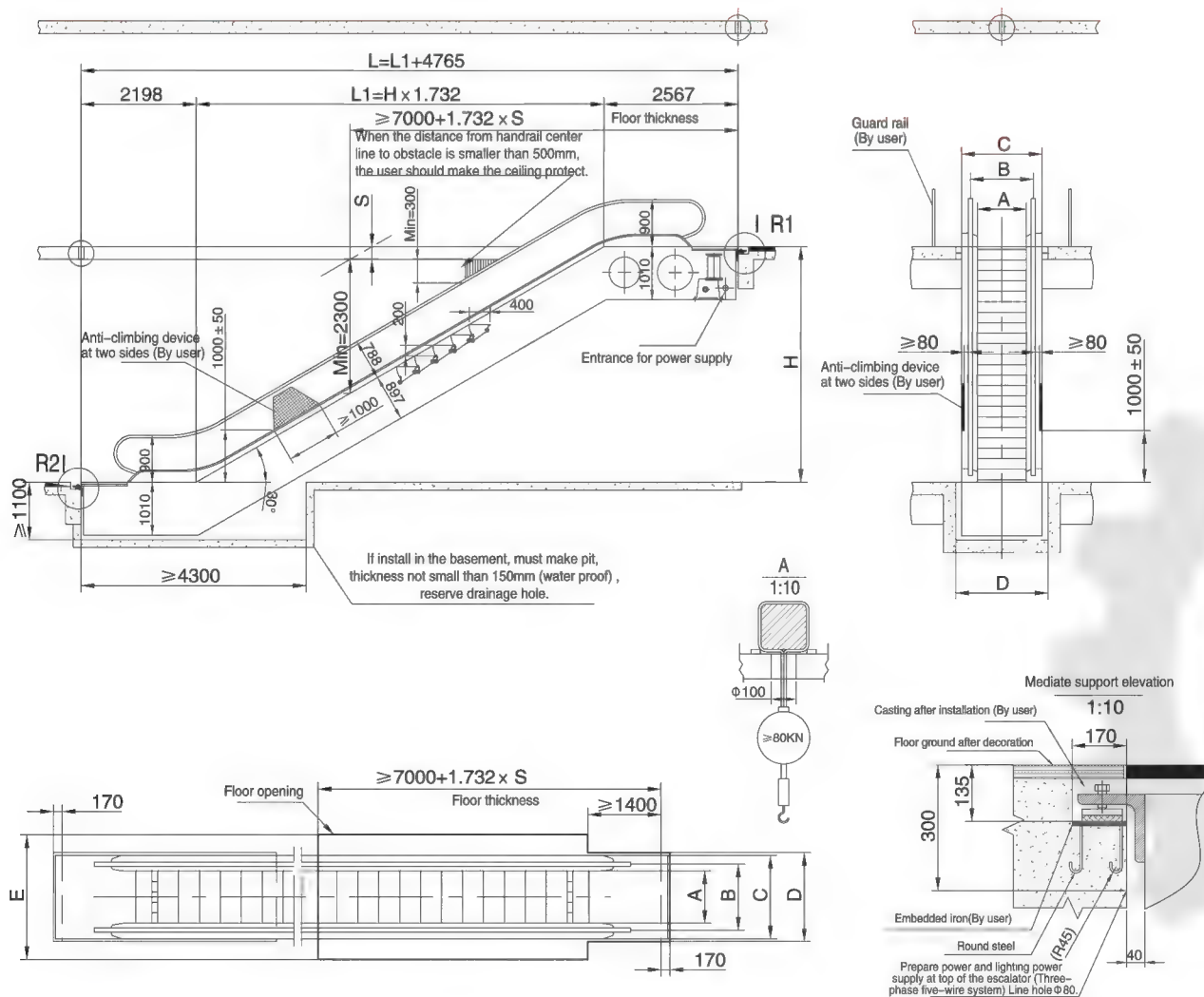
**FUJI NIPPON** shopping carts are not only limited to flat type, we design and manufacture step type shopping cart too. The flat carts are more popular because they carry the passengers and goods smoothly and especially convenient for the old and disabled. The step carts are installed for safety concern when the location is limited to the inclination degree.





### 30° escalator construction sketch

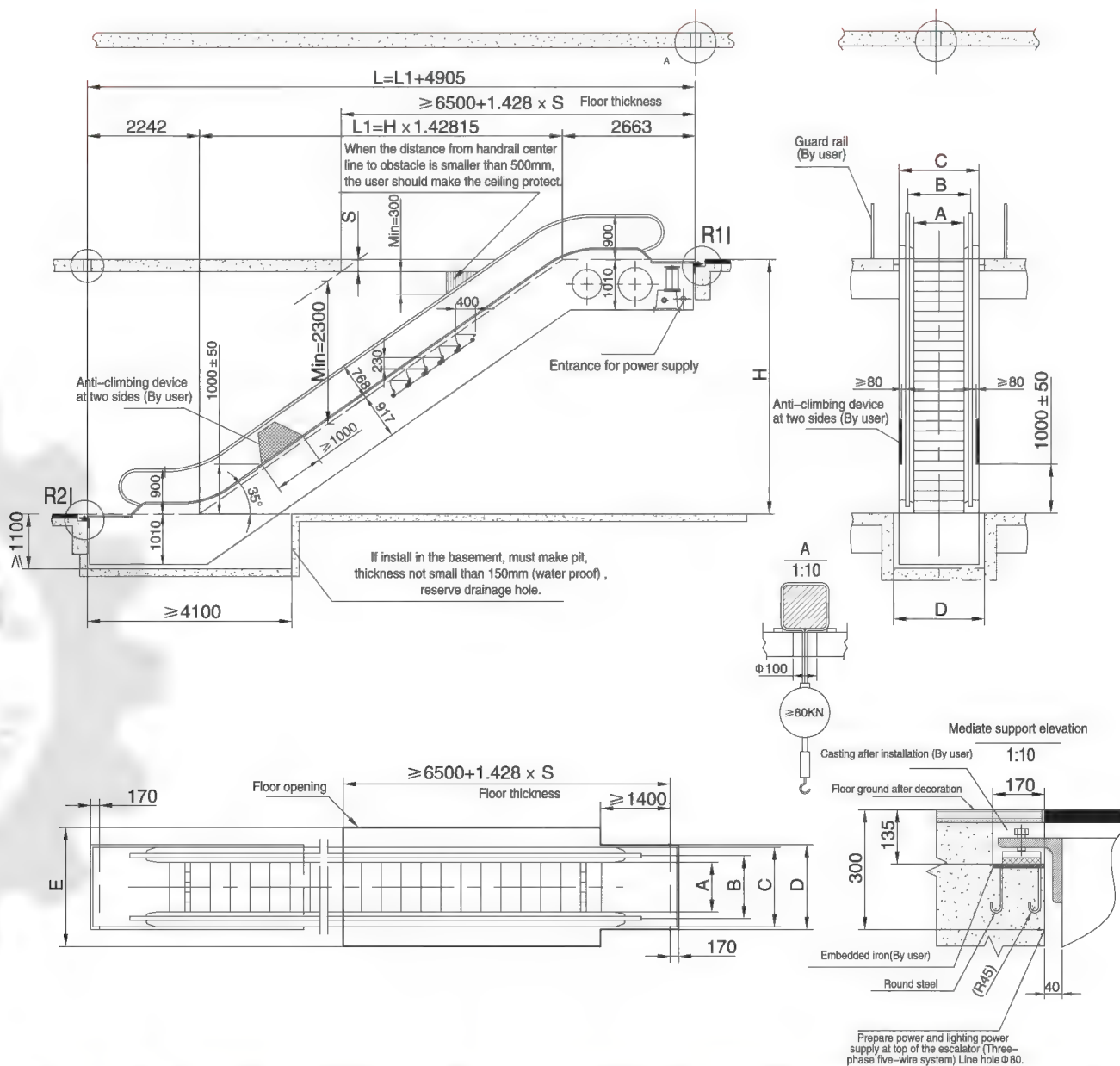
2 flat steps



Model No.	FSL30-600 (4500p/hour)				FSL30-800 (6750p/hour)				FSL30-1000 (9000p/hour)			
	N.W. (KN)	R1(KN)	R2(KN)	Motor Pauer (KW)	N.W. (KN)	R1(KN)	R2(KN)	Motor Pauer (KW)	N.W. (KN)	R1(KN)	R2(KN)	Motor Pauer (KW)
3000	57	46	41	5.5	59	52	47	5.5	60	56	50	5.5
3560	60	49	44	5.5	63	56	50	5.5	64	60	53	7.5
4000	64	52	47	5.5	67	60	54	5.5	67	64	57	7.5
4500	68	56	50	5.5	71	64	57	7.5	71	67	60	7.5
5000	71	59	53	5.5	74	68	60	7.5	74	71	64	8
5500	75	62	56	5.5	82	74	66	7.5	82	77	69	11
6000	79	65	59	7.5	86	78	69	8	85	81	72	11

Model No.					
FSL30-600	600	837	1140	1200	1837
FSL30-800	800	1037	1340	1400	2037
FSL30-1000	1000	1237	1540	1600	2237

## 35° escalator construction sketch



Model No.	FSL30-600 (4500p/hour)				FSL30-800 (6750p/hour)				FSL30-1000 (9000p/hour)			
Rising height mm	N.W. (kg)	R1(KN)	R2(KN)	Meter Power (KW)	N.W. (kg)	R1(KN)	R2(KN)	Meter Power (KW)	N.W. (kg)	R1(KN)	R2(KN)	Meter Power (KW)
3000	54	43	39	5.5	56	49	44	5.5	60	56	50	5.5
3560	57	43	41	5.5	60	52	47	5.5	64	60	53	7.5
4000	60	49	44	5.5	63	56	50	5.5	67	64	57	7.5
4500	64	52	46	5.5	66	59	55	7.5	71	67	60	7.5
5000	67	54	49	5.5	70	62	56	7.5	74	71	64	8
5500	70	57	51	5.5	73	65	59	7.5	82	77	69	11
6000	73	60	54	7.5	76	69	61	8	85	81	72	11

Model No.	W	A	B	C	D
FSL30-600	600	837	1140	1200	1837
FSL30-800	800	1037	1340	1400	2037
FSL30-1000	1000	1237	1540	1600	2237

Specialized in the R&D, designing, manufacturing, and maintaining, **FUJI NIPPON** is one of the leading suppliers of intelligent car parking system and mechanical parking equipment.

Our main products have more than 100 models, including Automated Parking System, Stack Parking System, Rotary Carousel Parking System, Puzzle Parking System, etc. All the products are in mature technology, reliable quality, stable performance and thus win a global reputation.

### PSH Puzzle Parking System

This system is driven by a motor and chain, a motor and steel rope, or a hydraulic pump to realize the mechanical parking by the lifting and sliding of car parking board.

This system can be built underground, above ground and a combination of both to achieve 7 levels. It optimizes the parking space for the large span advantage design and thus is normally adopted in public venues, residential building garages and office building basements.





## PJS Parklift System

This is a simple parking mechanism with compact structure and thus a perfect solution for private home, apartment, squares, etc.



## PCS Standard Vertical Lifting Parking System

This system is automatically controlled with a vertical lift platform in the middle and two cars per level set on both sides. There are could be 25 levels totally about 50 meters high in maximum to park about 50 cars at the same time. Taking up small room with low noise and vibration, this system is a good solution for CBD skyline buildings, apartments, hospitals, old urban living area modernization and new built parking house.



## PXD Trans Elevator Parking System

This system is in high density with low ceiling. Consisting of stacker, comb tooth style moving device, detecting device and inverter, it is safe, reliable, fully automatic and efficient in parking. This system is ideal designed with 5 floors max.





COMMUNICATION



QUALITY



COOPERATION

PROFESSION



WIN-WIN





With top class technology, international management system and considerate service, **FUJI NIPPON** achieves a comprehensive service chain and provides the elevators and escalators with before sales consulting, installation manual, and after sales maintenance guide.

We have a professional and experienced engineering team to presents on site installation, commissioning and maintaining if needed, and online trouble diagnose.

**FUJI NIPPON** is your right choice.







## **ELEVATOR CITY EXPERTS COMPANY**

### **FUJI NIPPON ELEVATOR (SUZHOU ) CORPORATION LIMITED ELEVATOR CITY EXPERTS COMPANY**

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